Form approved.

	STATE	OF UTAH		(Other instruc reverse si		Budget Bureau No. 1004-0136 Expires August 31, 1985
	DEPARTMEN	HATO	RAL RESO		ļ	5. LEASE DESIGNATION AND BERIAL NO.
	DIVISION OF C					Fee Land 6. If Indian, Allotter or tribe Name
_APPLICATIO	N FOR PERMIT	TO DRILL, D	DEEPEN,	OR PLUG B	ACK	G. IF INDIAN, ALLOTTER OR TRIBE NAME
1a. TYPE OF WORK	ILL 🗆 XX	DEEPEN [	7	PLUG BAG	·v 🗀	7. UNIT AGREEMENT NAME
b. Type of well	ILL LAXX	DEEPEN L	لــا	PLUG BAC	-N L	
	AS OTHER		SINGLE ZONE	XXXX ZONE	LIE	8. FARM OR LEASE NAME
2. NAME OF OPERATOR			ſ			Freston
PENNZOIL CON	1PANY			Ville, M.	ر رخ میگ ہیسے	9. WELL NO.
	) N1-	TTI = 1- 0 40 F :	· .	Part of the second		2-8B1 10, FIELD AND POOL, OR WILDCAT
4. LOCATION OF WELL (R	Neola, eport location clearly and	Utan 8405 I in accordance wit	h any State of	wirements 2	9 1007	101
1416	5' FNL & 2427	' FEL		520 ≈	0 1307	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
At proposed prod. zon	e			60 V N	יוע טר	SWNE
14. DISTANCE IN MILES	SAME SAME	REST TOWN OR POST	OFFICE*	GL, GAS 8	MINING	Sec. 8, T2S, R1W.
	les Northwes			tm		_
15. DISTANCE FROM PROPO LOCATION TO NEAREST	SED*	130'	16. No. of A	CRES IN LEASE		Diichsene   UT faces assigned is well
PROPERTY OR LEASE L (Also to nearest drig	INE, FT. g. unit line, if any)	1416'	640	15	10 11	640
18. DISTANCE FROM PROP TO NEAREST WELL, DI	RILLING, COMPLETED,		19. PROPOSED	. 1	20. ROTAR	Y OR CABLE TOOLS
OR APPLIED FOR, ON THE		2175'	14,5	500' Na	<u> </u>	Rotary 22. APPROX. DATE WORK WILL START*
• •	GL (UNGRADED)	)		V		after 1-5-88
23.		PROPOSED CASIN	IG AND CEME	NTING PROGRAM	<del></del>	arter 1-5-00
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO		TTING DEPTH		QUANTITY OF CEMENT
14 3/4"	10_3/4"	45.5				
9 7/8"	7_5/8"	29.7	, ,	<del>250'</del>		-4500 ft3 -1900 ft3
6 3/4"	5 1/2"	20.0	, ,	0'/14,500	1	300 ft3
		l	•	•		
1. Enclosed a	ttachments: a					
		o. Drillin				
		c. BOP Sch l. Map sho			r.ro.11 a	ita
	$\epsilon$	Schemat	ic show	ingria	werrs. Tavo	ut on wellsite.
				wel	lsite	cross-sections.
	f	. DOGM Fo	rm 5 "8	SUNDRY NOT	TICES	& REPORTS-WELLS"
•						
2. Water perm	it: Water Ric	jht # -874	43 11is	on file w	ith th	ne State of Utah.
2 2 2 2 2 2 2 2	1		_	_		

- 2
- 3. An AFE has been prepared and a copy has been sent to joint interest holders for their approval.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout #Ome (801) 781-0620 Drilling Superintendent Wilburn-L.-Luna-(This space for Federal or State office use) OF UTAH DIVISION OF 43-013-31203 T-19 APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

# PENNZOIL COMPANY WELL LOCATION PLAT FRESTON 2-8BI

IN THE SWI OF THE NEI OF SECTION 8, T2S, R1W, U.S.B.&M.

5 89°43'05" E 39.84 Chs. FRESTON 2-8BI GROUND ELEV. 5229 NORTH 80 SCALE: 1"=1000'

## LEGEND & NOTES

- CORNERS FOUND AND USED BY THIS SURVEY.
- RECORDS ON FILE IN THE DUCHESNE COUNTY RECORDER'S OFFICE.

G.L.O. PLATS AND RECORDS ON FILE IN THE DUCHESNE COUNTY RECORD'S OFFICE USED FOR REFERENCE AND CALCULATIONS.

## SURVEYOR'S CERTIFICATE

I hereby certify that this plat was prepared from field notes of an actual survey performed by me, during which the shown OPOSITION OF CORNERS DETERMINED FROM monuments were found or established.

Jerry D. Allred, Registered Land

Surveyor, Cert. No. 3817 (Utah)



JERRY D. ALLRED & ASSOCIATES

Surveying & Engineering Consultants

121 North Center Street P.O. Drawer C **DUCHESNE, UTAH 84021** (801) 738-5352

# PENNZOIL EXPLORATION AND PRODUCTION COMPANY

P. O. BOX 290 • NEOLA, UTAH 84053 • (801) 353 - 4397

December 28, 1987

State of Utah, Dept of Natural Resources Division of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

Re: APD for:

Freston No. 2-8B1 1416' FNL & 2427' FEL SWNE Section 8, T2S, R1W Duchesne County, Utah

Gentlemen:

Three (3) original copies of captioned APD with attachments are enclosed for your review and I trust your approval. Pennzoil Company requests that this APD and all related information submitted on this well be held confidential for that period of time as permitted by regulations and law.

Should there be any question, please contact the undersigned.

Sincerely,

Pennzoil Company

Wilburn L. Luna

Drilling Superintendent

Enclosures

DEC 29 1987

CIL, GAS & MINING

PAGE 1 of 4

#### DRILLING PLAN

OPERATOR:.....PENNZOIL COMPANY WELL:.....Freston No. 2-8B1 WELL LOCATION:.1416' FNL, 2427'FEL

SWNE Section 8, T2S, R1W Duchesne County, Utah

1. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL FORMATIONS:

Duchesne River	at surface	(surface	formation)
Green River	5,109'		
Trona	6,899'		
MB	7,599'		
H	8,774'		
K (CP70)	9,749'		
CP 90	9,994'		
TAP Hi	11,334'		
CP 210	11,754'		
CP 232	12,309'		
Total Depth	14,500'		

2. ESTIMATED OIL & WATER DEPTHS:

- 3. PROPOSED CASING PROGRAM:
  - A. 20" conductor to be set and cemented at a proposed depth of 60'.
  - B. 10 3/4", 45.5#, K-55, ST&C to be set and cemented at a proposed depth of 4,250'.

Cement: Low density filler cement to surface. Tail-in with 250 sks Cl "G" or "H" tailored for depth and Temp.

- C. 7 5/8", 29.7#, S-95/N-80, LT&C/BUTT to be set and cemented at a proposed depth of 11,300' in the transition zone.
- Cement: Low density filler cement to surface. Tail in with Cl "G" or "H" tailored to depth and temperature.
- D. 5 1/2", 20#, P-110, integral jt, liner to be set and cemented (proposed) from 11,100' to 14,500'.

Cement: Cl "G" or "H" tailored to depth & temperature.

PAGE 2 OF 4

#### DRILLING PLAN

## 4, OPERATOR'S PRESSURE CONTROL PLAN;

Figure No. 1 is a schematic of minimum BOP equipment.

The BOP equipment will be nippled up on the surface casing and pressure tested prior to drilling out:

- A. All rams and choke manifold will be tested to 70% of burst of the surface casing string or 3500 psi (70% of 5,000 psi BOP stack).
- B. Bag preventor will be tested to 70% of burst of surface casing or 2500 psi (50% of 5000 psi Bag Preventor) whichever is the lessor.

Record all BOP tests on tour reports.

Retest BOP stack every 28 days.

Before drilling out test casing strings to 0.2 psi per foot of depth or 1,000 psi whichever is the greatest.

Fill-up line above the Bag Type Preventor.

Kill line located below the BOP rams.

#### Operational Checks:

Pipe rams will be closed and opened once each 24 hours.

Blind rams will be closed and opened each time the drill string is pulled from the wellbore.

Auxiliary well control and monitoring equipment:

- A. Upper and lower kelly cocks will be utilized.
- B. A full-opening drill pipe stabbing valve with proper drill pipe fittings will be utillized when the kelly is not in the string.
- C. PVT equipment will be used to monitor the mud system from the top of the transition zone to Total Depth.

## 5. PROPOSED DRILLING FLUID PROGRAM:

A. 20" conductor & surface hole: Drill this interval of the wellbore with clear fresh water. Drill solids will be flocculated to keep the water as clean as possible. Lime & bentonite will be used as needed.

Should a water flow be encountered, it will be killed and drilling will continue.

B. Intermediate hole: Start drilling this interval with fresh water from the surface hole. Use viscous sweeps to keep the wellbore clean and a flocculant to keep the water clean.

When wellbore conditions dictate (tight hole, bridging & etc.) mud up will be with a low solids, non-dispersed drilling fluid.

Final fluid properties: 10.5/12.5#, 35/45 Vis, 10/12 WL.

C. For the 6 3/4" wellbore a weighted, deflocculated mud system will be used. the viscosity and mud weight will be maintained at low but safe levels. The yield point will be high enough to support barite as needed for the required fluid weight.

Final fluid properties: 12.5/14.5#, 40/50 Vis, 10/15 WL and a YP of 10/20.

## 6. WELLBORE EVALUATION:

- a. DRILL STEM TESTING:.....One possible @ 9,800'.
- B. CORING:.....None planned.
- C. LOGGING: Surface Hole:.....None.

Intermediate Hole:.....DLL-GR
FDC-CNL
BHC-SONIC

Productive interval:...DIL-GR
FDC-CNL
BHC-SONIC

D. COMPLETION: The objective formation is the Wasatch. Selected zones will be perforated and evaluated for stimulation work.

#### DRILLING PLAN

#### 7. PRESSURES & TEMPERATURES:

#### A. PRESSURE:

At the intermediate casing seat the mud weight will probably be  $12.0\,\text{\#}$  and the formation pressure 7040psi.

At Total Depth the mud weight will probably be 14.0# and the formation pressure 10,541Psi.

#### B. TEMPERATURE:

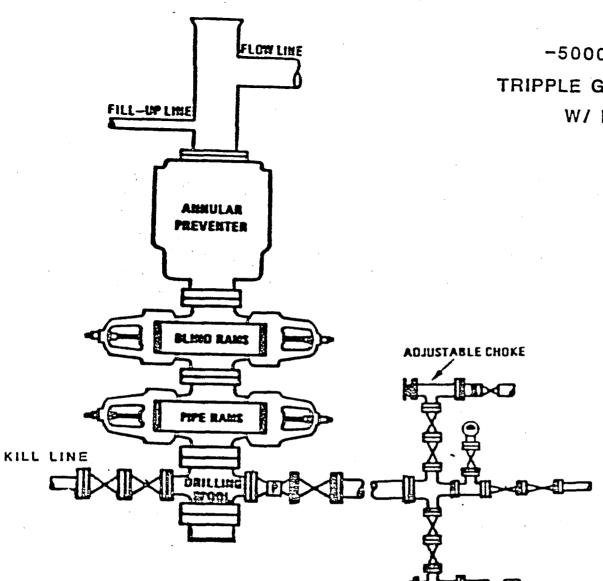
Temperatures are normal for this area and well depth, probably 225 degrees at 14,500'.

## 8. ANTICIPATED STARTING DATE:

Construction of road and location will probably start within three (3) to nine (9) days of permit approval.

9. This well will be drilled per regulations as set forth by the:

State of Utah Natural Resource Oil, Gas & Mining Division



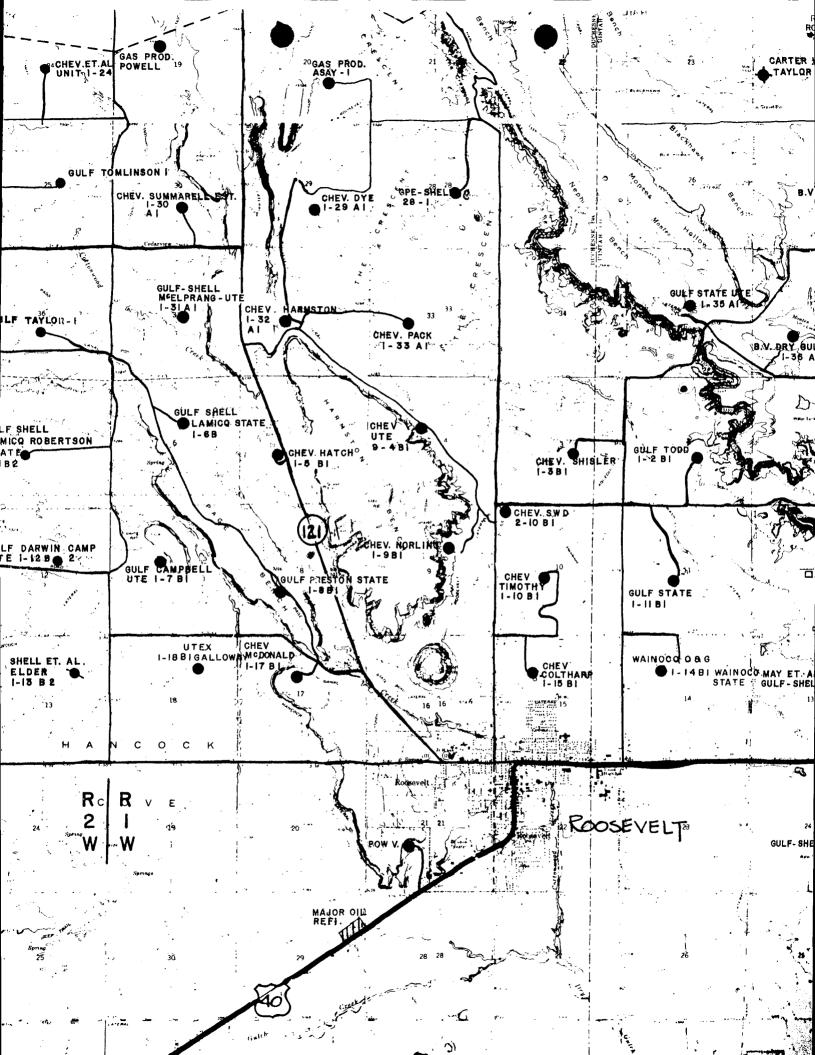
BOP SCHEMATIC

-5000 PSI - WORKING PRESSURE
TRIPPLE GATE - BAG TYPE - BOP STACK
W/ HYDAULIC CHOKE MANIFOLD
for:

Freston
No. 2-8B1

BOP STACK

CHOKE MARIFOLD

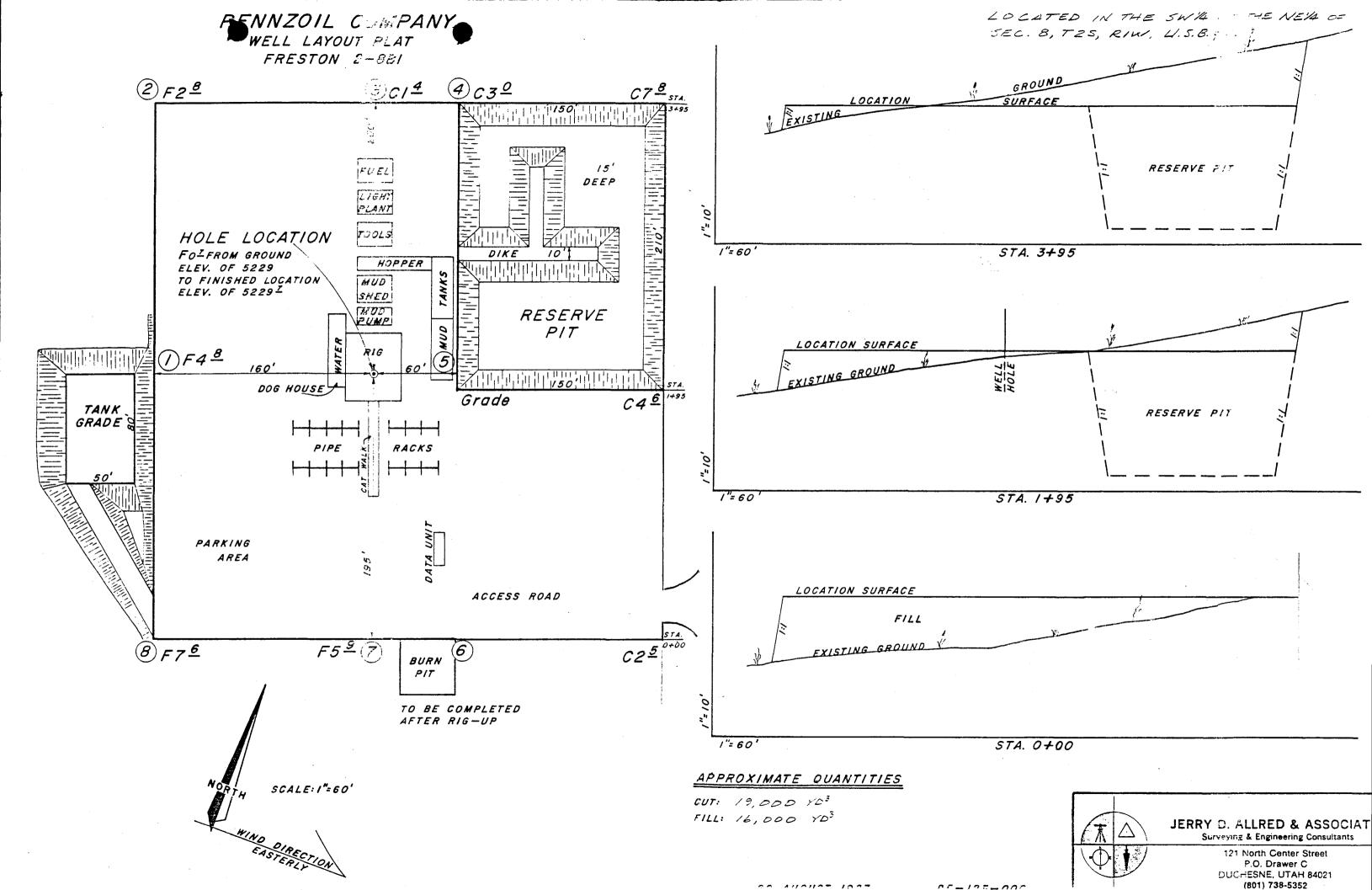


# DRILLING LOCATION ASSESSMENT State of Utah Division of Oil, Gas & Mining

OPFRATOR:	PENNZOIL		WELL	NAME:	FRESTON	STATE	2-851		
QTR/QTR:		SECTION:	8	TWP:	2 SOU	TH	RANGE:_	1 WE	ST
_	DUCHESNE	FIELD:	BLUEBELL	·			FL_	·	FL
SFC OWNER:			LE	ASE #:			·		
-	F SEC	TION LINE			F QTR/QT	R LINE		F ANO	THER WELL
-	WILLIAM MO			& TIME:	7-16-87	; 15:	00		
PARTICIPAN	TS: WILBURN	LUNA, DRILL	 ING SUPERV:	ISOR, P	ENNZOIL;	CAROL	REVELT,	DOGM.	
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LAND LICE	<u> </u>								
LAND USE									
OUDDENE CH	RFACE USE:	TRRIGATED E	IFI DS				• •		
CURRENT SU	RFACE USE	TIVITUATED							
	URFACE DISTL	PRANCE • ARI	ΠΙΤ ΔΟΟΧΔΟΟ	' PAD.	ACCESS F	ROM HI	GHWAY 1	21.	
PRUPUSEU S	ON ACE DISTE	ALDANOC	301 -100/(100				1 2-4		
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	- DUCCTAN	OLTVE DADLI	TV CDASSES				· .		
FLORA/FAUN	A: RUSSIAN	ULIVE, BARLI	LY, GRASSES	)	<del></del> -	<del></del>			,÷
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	ITAL PARAMETI	<u>RS</u>		٠		•		•	
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GEOLOGY	•							0 117011 1	חבדם געובי אים
SOIL	TYPE AND CH	ARACTERISTIC	S: MEDIUM	BROWN S	SANDY LOAM	4. MOI	DERATE T	U HIGH I	-FKWEAR-
,	ILITY.			·					
SURF/	ACE FORMATIO	N & CHARACTE	RISTICS:_[	DUCHESNI	RIVER F	ORMATI	ON LIGHT	ORANGE	BROWN
	SILTYSAND,	HIGHLY PERM	EABLE.						

EROSION/SEDIMENTATION/STABILITY: NO PROBLEM
SUBSURFACE GEOLOGY
OBJECTIVE(S)/DEPTH(S): 15,000' WASATCH
ABNORMAL PRESSURES - HIGH AND LOW: NONE ANTICIPATED
CULTURAL RESOURCES/ARCHAEOLOGY:
WATER RESOURCES: RIVER ABOUT 300-400' WEST OF LOCATION. N-S RUNNING.
IRRIGATION IN FIELD AND IN FIELD TO NORTH. GROUND WATER ABOUT 6-10'. CLOSEST
RESIDENCE ABOUT 300' NE OR ABOUT 800' SOUTH.
RESERVE PIT
CHARACTERISTICS: ABOUT 160X200X15' LOCATED ON THE NE SIDE OF LOCATION.
LINING: 3 LB/SQ.FT. COMM. BENTONITE OR PLASTIC LINER (10-12 mil).
MUD PROGRAM: FRESH WATER, LIME AND BENTONITE FOR SURFACE HOLE AND MUDDED UP WHEN NEEDED.
DRILLING WATER SUPPLY:
OTHER OBSERVATIONS: PICT.# 26-28.
E/2NE/4 + NE/4 SE/4 is State ML-22865
STIPULATIONS FOR APD APPROVAL: THE RESERVE PIT SHALL BE LINED WITH 3 LB/SQ.FT. COMMERCIAL
BENTONITE(DRY WT.) OR A 10-12 MIL TEAR RESISTANT 'PLASTIC' LINER. THIS OFFICE SHALL
RECEIVE 48 HR. NOTICE PRIOR TO PLACING FLUIDS IN RESERVE PIT TO ENABLE A FINAL SITE
INSPECTION.

## ATTACHMENTS

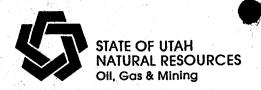


DOGM Form 5		_		_	Form app	oroved. Bureau No. 1004-0135
	DFPARTA	TATE UTAH MENTOFNAT. RES	SUBMIT Other i( COLIDEFS verse side	IN TRIPLIES	Expires .	August 31, 1985
		OF OIL, GAS, A				FEE LAND
SUND (Do not use this fo	ORY NOTI	CES AND REPOR	RTS ON WELL:  r plus bate to a mucre such proposals.)	at tenensotic C	O. IF INDIAN, A	LLOTTEE OR TRIBE NAME
OIL XXXX GAS WELL			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		7. UNIT AGREES	IENT NAME
2. NAME OF OPERATOR	OTHER		DEC 2	y 1987	8. FARM OR LE.	ASE NAME
Pennzoil Company			UIV.Š.ii	IN 115	Freston 9. WELL NO.	
P.O.Box 290		UT 84053	Cil, Gas a	& MINING	2-8B1	
4. LOCATION OF WELL (Rej See also space 17 below At surface	port location cle	early and in accordance wi	ith any State requireme	nts.•	Bluebe	POOL, OR WILDCAT
1416' FNL & 2427	' FEL				11. SEC., T., B., SURVEY (	M., OR BLK. AND
					SWNE   Sec. 8. ]	Γ2S, R1W
14. PERMIT NO.		15. ELEVATIONS (Show who			12. COUNTY OR	PARISH 13. STATE
16.	Check Ap	propriate Box To India	( ungraded )  ate Nature of Not	ice. Report. or (	Duchesne Other Data	<u> </u>
NO	TICE OF INTENT		1		UENT REPORT OF:	
TEST WATER SHUT-OFF		ULL OR ALTER CASING	WATER S		_	IRING WELL
FRACTURE TREAT SHOOT OR ACIDIZE		ULTIPLE COMPLETE BANDON*		G OR ACIDIZING	<del>-</del> Į	DONMENT®
REPAIR WELL	· cı	HANGE PLANS	(Other)	OTE: Report results	of multiple comp	oletion on Well
Haul in reserve 17. DESCRIBE PROPOSED OR C proposed work. If w nent to this work.) •	2 pit Wat OMPLETED OPER vell is direction			mpletion or Recomp lve pertinent dates red and true vertic		
Pennzoil Company	y is requ	esting permissio	on to haul Res	erve Pit wa	ter, excess	drilling water
from the following	ng wells:					
Boren No. 3-11A2			API NO. 43 0	13 31192		
Lamicq No. 2-20A	2		API No. 43 0	13 31191		
to the Freston No	o. 2-8B1	Reserve Pit for	use in the dr	illing wate	r and/or as	make upwater
for the drilling	mud afte	r mud-up.				
			•			
18. I hereby certify that th	e foregoing is	true and correct	(001) 701 0600	office (8	01) 353-439	97
SIGNED ALLE	und c	T. Feinme	(801) /81-0620 Drilling supe	rintendent	DATE	12-28-87
(This space for Federal	or state office	use)				
APPROVED BYCONDITIONS OF APPROVED	POVAT. IT AN	TITLE	13.75	APPROVED	BY THE	STATE
	PD as	//	· (4) - (2) - (3)		AND MIN	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instructions on Reverse Sld

OPERATOR Genngoil Go. NOFOS DATE 12-30-87
WELL NAME Freston 2-8B1
SEC SWNE & T 25 R IW COUNTY Duchesand
43 013 - 31203 TYPE OF LEASE
CHECK OFF:
PLAT BOND NEAREST WELL
LEASE PIELD POTASH OR OIL SHALE
PROCESSING COMMENTS:
need water germit
APPROVAL LETTER:
SPACING: R615-2-3 UNIT R615-3-2
139-42 4/17/85 R615-3-3 CAUSE NO. & DATE
STIPULATIONS: 1-Water
2- This approval also allows the operator to use
excess dirling water from other wells during the dirling
of this well as stated in a sunday notice dated
12-28-87. The operator will only supplement the
nud system after mud up.
3- The operator shall rotate location as agreed 0218T at onsite inspection of 1-7-88.
nud system after mud up.  3-The operator shall rotate location as agreed  0218T at onsite inspection of 1-7-88.  4-The operator shall notify DOGM upon excavation of reserve pit and prior to placing fluid in pit to allow onsite inspection for liner determination.
to allow onsite inspection for liner determination.



355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 8, 1988

Pennzoil Company P. O. Box 290 Neola, Utah 84053

## Gentlemen:

Re: Freston 2-8B1 - SW NE Sec. 8, T. 2S, R. 1W - Duchesne County 1416' FNL, 2427' FEL

Approval to drill the referenced well is hereby granted in accordance with the Order of Cause No. 139-42 dated April 17, 1985, subject to the following stipulations:

- Prior to commencement of drilling, receipt by the Division
   of evidence providing assurance of an adequate and approved
   supply of water as required by Chapter 3, Title 73, Utah
   Code Annotated.
- 2. This approval also allows the operator to use excess drilling water from other wells during the drilling of this well as stated in a sundry notice dated December 28, 1987. The operator will only supplement the mud system after mud up.
- The operator shall rotate location as agreed at onsite inspection of January 7, 1988.
- 4. The operator shall notify the Division of Oil, Gas and Mining upon excavation of the reserve pit and prior to placing fluid in the pit to allow onsite inspection for liner determination.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.

Page 2 Pennzoil Company Freston 2-8Bl January 8, 1988

- 2. Submittal of an Entity Action Form to the Division within five working days of the time that the well is spudded or a change in operations or interests necessitates a change in entity status.
- 3. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
- 4. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
- 5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
- 6. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
- 7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31203.

Sincerely,

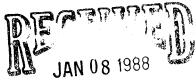
RAJ Firth

Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
8159T

# PENNZOIL EXPLORATION AND PRODUCTION COMPANY

P. O. BOX 290 • NEOLA, UTAH 84053 • (801) 353 - 4397



January 7, 1988

DIVERUN OF Vincials a minerals

State of Utah, Dept of Natural Resources Division of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

Re: Change of Location for: APD on Freston No.-8B1 From: 1416' FNL & 2427' FEL To..: 1412' FNL & 2380' FEL SWNE Section 8, T2S, R1W

Duchesne County, Utah

Gentlemen:

Three (3) new original survey plats are enclosed for this requested change in location.

Should there be any questions please contact the undersigned.

Sincerely, Willowin L. Kena

Wilburn L. Luna

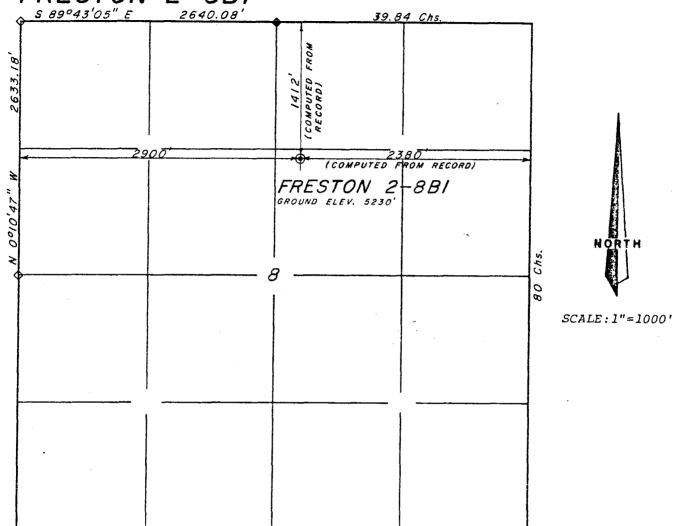
Operations/Drilling Superintendent

Enclosures.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

## PENNZOIL COMPANY WELL LOCATION PLAT FRESTON 2-881

LOCATE N THE SW OF THE NE OF SECTION 8, T2S, R1W, U.S.B.&M.



## LEGEND & NOTES

- CORNERS FOUND AND USED BY THIS SURVEY.
- ◇ POSITION OF CORNERS DETERMINED FROM RECORDS ON FILE IN THE DUCHESNE COUNTY RECORDER'S OFFICE.

SURVEYOR'S CERTIFICATE

I hereby certify that this plat was prepared from field notes of an actual survey performed by me, during which the shown monuments were found or established.

> Jerry D. Allred, Registered Land Surveyor, Cert. No. 3817 (Utah)

G.L.O. PLATS AND RECORDS ON FILE IN THE DUCHESNE COUNTY RECORDER'S OFFICE USED FOR REFERENCE AND CALCULATIONS.

JERRY D. ALLRED & ASSOCIATES
Surveying & Engineering Consultants

121 North Center Street P.O. Drawer C DUCHESNE, UTAH 84021 (801) 738-5352

REV. 6 Jan '88

85-123-006

021602

## DIVISION OF OIL, GAS AND MINING

NAME OF COMPANY:\_\_\_\_

Art

## SPUDDING INFORMATION

PENNZOIL

API #43-013-31203

MELT NAME		F	RESTON	2-8B1		· · · · · · · · · · · · · · · · · · ·		
SECTION_	SW NE 8	Township_	2S	RANGE	1W	_ (COUNTY	Duchesne	_
DRILLING	CONTRACT	ORPA	RKER					
RIG #	<del></del>	****						
SPUDDED:	DATE	2-9-88						
	TIME	3:00 PM						
	How	Rotary			•			
DRILLING	WILL COM	MENCE			4.			
REPORTED	BY	Mike Rouss	e					
TELEPHONE	#			<del></del>				
DATE	2-	-11-8 <b>8</b>	<del>.</del>		SIGNED_	JRB		

file

# PENNZOIL EXPLORATION AND PRODUCTION COMPANY

P. O. BOX 290 • NEOLA, UTAH 84053 • (801) 353 - 4397

February 11, 1988

022313

State of Utah, Dept of Natural Resources Division of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

DEC 1988 16 1988

Re: Water Permit for:
Freston No. 2-8B1
1412' FNL & 2380' FEL
SWNE Section 8, T2S, R1W
Duchesne County, Utah
API 43-013-31203

DIVISION OF CIL, GAS & MINING

Gentlemen:

A copy of the two (2) water permits that Pennzoil will use in drilling captioned well are enclosed, 43-10019 & 43-10020.

Captioned well was spudded at 3:00PM on 2-9-88 with a rathole machine and 20" conductor pipe has been set and cemented at 71'. The drilling contractor, Montgomery, started moving in rotary tools this date.

Should there be any question, please contact the undersigned.

Sincerely,

Pennzoil Company

Wilburn L. Luna

Operations/Drilling Superintendent

Enclosures

UT-9a

# UINI BASIN DISTRICT HEALTH DEPARTMENT WASTEWATER SYSTEM INSPECTION REPORT

DRILLING SITE

PERMIT • 10769

DATE
APPROVED 2-25-88

LOCATION	Freston	2-8-81		MY Duckesn	
	ISER Pa			PHONE #	
			pola Ut		
	WW INSTAL	LER Bocket S.	anitation		
	SCAVENGER	SERVICES //	11		
	CHEMICAL	TOILETS (YES ()	NO; SUPPLIER_	Rocket	·
	BUILDINGS	SERVED 3 nobile	hones IRV	TOTAL 4	
	WATER SUP	PLY: (>) POTABLE, (	NON-POTABLE,	SUPPLIER 17-/W 1	Was I E-Zrenta
	DISPOSAL			,	
		SEPTIC TANK	LIQUI	ID GALLONS	
		ABSORPTION SYSTEM	FIEID	PITBED	TRENCH
	3	HOLDING TANK		_ LIQUID GALLONS_	500
SKETCH OF	SYSTEM	Not to sente	**		
25 h	<i>f</i>		-		
			Rig	•	
I chemica	1	·	•		
- TRAS	1			wo for k	Ropp
	P.V. les	Africa Septic tents	ARA; lex	septic tank	E Septic belong
DATE OF IN	SPECTION	2-25-88	APPROVED	REJECTED	
NOTATIONS:					
<del></del>		-			
		CANTTARTAN	Selle.	er.S.	

# FILING FOR WATER IN THE STATE OF UTAH

Rec. by	
Fee Rec.	

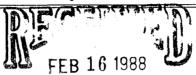
Receipt # .

Microfilmed

## APPLICATION TO APPROPRIATE WATER

Roll #\_

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, epplication is hereby made to the State Engineer, based upon the following showing of facts, submitted in Eccordance with the requirements of Title 73, Chapter 3 of the Utah Code Annotated 1953, as amended.



WATER USER CLAIM NO. 43 - 10019

DIVESION OF Sil. GAS & MINING APPLICATION NO. T63050

1. PR ORITY OF RIGHT: January 28, 1988

FILING DATE: January 28, 1988

2. OWHER INFORMATION

Naie: Pennzoll Oll Co.

Interest: 100 %

Address: C/O Derk Price, 4744 Hillside Drive, Vernal, UT 84078 The land is not owned by the applicant(s), see explanatory.

- 3. QUANTITY OF WATER: 2.0 acre feet (Ac. Ft.)
- DRAINAGE: Duchesne River 4. SOURCE: Unnamed Spring

POINT(S) OF DIVERSION:

**COUNTY:** Duchesne

(1' N. 100 feet, W. 500 feet, from the SE Corner of Section 8,

Township 2 S, Range 1 W, USM

Description of Diverting Works: Collection Box-Pumped to well

COMMON DESCRIPTION: 1 MI. NW Roosevelt

5. NATURE AND PERIOD OF USE

From January 28 to January 28.

Arl. 25 IW Sec. 8

6. PURPOSE AND EXTENT OF USE

01 Recovery: Drilling and completion of freston 2-8-B1 43-013-31203 Period of use - Jan. 28, 1988 to Jan 28, 1989

7. PLACE OF USE

parts of each of the following legal subdivisions.

Iti wa ioi	N	orth E	ast Qu	arter	N	orth W	est Qua	rter	S	outh W	est Qu	arter	S	outh E	ast Qu	arter
TOWN RANGE SE	i; NE.	NW <del>↓</del>	SW !	SE 4	NE 4	NW 1	SW#	SE 4	NE 4	NW#	SW4	SE 4	NE 4	NW4	SW <sup>1</sup>	SE 4
2 S 1 W 8	X	Х	Х	Х	X	X	Х	X	Х	X	X	Х	X	Х	X	X

All locations in Uintah Special Base and Meridian

43-013-3029

**EXPLANATORY** 

Have oil and gas lease on land

# FILING FOR WATER IN THE STATE OF UTAH

Tee Rec.	
Receipt #	

•	
Microfilmed	 

## APPLICATION TO APPROPRIATE WATER

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Title 73, Chapter 3 of the Utah Code Annotated (1953, as amended).

	*PRIORITY OF RIGHT: January 28, 1988 * FILING DATE: January 28,	1988
1.	*PRIORITY OF RIGHT: TILING DITTL.	
2.	OWNER INFORMATION	
	Name(s): Pennzoil Oil Co. *Interest: 100  Address: C/O Derk Price, 4744 Hillside Drive, Vernal, UT 84078  City: Vernal State: UT Zip Code: 84078  Is the land owned by the applicant? Yes No X	%
	Address: C/O Derk Price, 4744 Hillside Drive, Vernal, UT 840/8	
	City: Vernal State: UT Zip Code: 840/8	<del></del>
	Is the land owned by the applicant? YesNoX	
	(If "No", please explain in EXPLANATORY section.)	
5.	QUANTITY OF WATER: 2.0 acre feetcfs and/or	ac
1.	SOURCE: Dry Gulch * DRAINAGE: Duchesne River which is tributary to	
	which is tributary to	
	which is tributary to	
	POINT(S) OF DIVERSON. COUNTY: Duchesne	
	N. 100 feet, W. 600 feet, from the SE Corner of Section 8	
	Township 2 S, Range 1 W, USM	
	Description of Diverting Works: Collection Box-Pumped to well	
	Description of Diverting Works: Collection Box-Pumped to well *COMMON DESCRIPTION: 1 Mi. NW Roosevelt	
	Description of Diverting Works: Collection Box-Pumped to well *COMMON DESCRIPTION: 1 Mi. NW Roosevelt	
-	* COMMON DESCRIPTION: 1 M1. NW ROOSEVELT	
_	* COMMON DESCRIPTION: 1 M1. NW ROOSEVELT	
-	* COMMON DESCRIPTION: 1 M1. NW ROOSEVELL	
	* COMMON DESCRIPTION: 1 M1. NW ROOSEVELT	
5.	* COMMON DESCRIPTION:1 M1. NW ROOSEVELE  POINT(S) OF REDIVERSION  The water will be rediverted fromat	
5.	* COMMON DESCRIPTION: 1 M1. NW ROOSEVELT	
5.	* COMMON DESCRIPTION: 1 M1. NW ROOSEVELE  POINT(S) OF REDIVERSION  The water will be rediverted from	a poin
5. 6.	* COMMON DESCRIPTION: 1 M1. NW ROOSEVELE  POINT(S) OF REDIVERSION  The water will be rediverted from	a poin
5.	* COMMON DESCRIPTION: 1 M1. NW ROOSEVELE  POINT(S) OF REDIVERSION  The water will be rediverted from	a poin
5.	* COMMON DESCRIPTION: 1 M1. NW ROOSEVELE  POINT(S) OF REDIVERSION  The water will be rediverted from	a poin
j.	* COMMON DESCRIPTION: 1 M1. NW ROOSEVELE  POINT(S) OF REDIVERSION  The water will be rediverted from	a poin
5. 6.	* COMMON DESCRIPTION: MI. NW ROOSEVELT  POINT(S) OF REDIVERSION at  Description of Rediverting Works:  POINT(S) OF RETURN  The amount of water consumed will be cfs or  The amount of water returned will be cfs or  The water will be returned to the natural stream/source at a point(s):	a poin
5. 6.	* COMMON DESCRIPTION: MI. NW ROOSEVELT  POINT(S) OF REDIVERSION	a poin
5. 6.	* COMMON DESCRIPTION: 1 M1. NW ROOSEVELT  POINT(S) OF REDIVERSION  The water will be rediverted from	a poin
5. 6.	* COMMON DESCRIPTION: 1 M1. NW ROOSEVELT  POINT(S) OF REDIVERSION  The water will be rediverted from	a poin
5. 6.	* COMMON DESCRIPTION: 1 M1. NW ROOSEVELT  POINT(S) OF REDIVERSION  The water will be rediverted from	a poin
<ol> <li>6.</li> </ol>	* COMMON DESCRIPTION: 1 M1. NW ROOSEVELT  POINT(S) OF REDIVERSION  The water will be rediverted from	a poinac_

### REFERRAL FORM

Division of Environmental Health

288 North 1460 West P.O.B. 16700

Salt Lake City, Utah 84116-0700 (801) 538-6121

DIVIDION OF UNL, GAS & MINING

Environmental Health 24-Hour Emergency Phone Number 538-6333 6734 Radiation Control Phone #s 538-6108 Air Quality

6170 Solid & Hazardous Waste

-	6159 Public Water Su		- <del>-</del>	Collution Control
REFERRED TO:	6146 AND O	1 GAS M.	ning TYP	E OF INCIDENT  New Construction
GENERAL INFO	RMATION		•	Visible Emission
Date 2-17-	88 Time of Observati	on	<u>×</u>	Open Burning Impoundment
Company/Indus	stry/Community/Individu	al: John 6	Wills -	Bypass Spill
of Bo	ascuelt through	En Kiege	R.S	Odor Food
Contact Cint	of Basin Health lep	1 722-5085 Phone #	29122	Abandoned Waste Radiation
Location Pe	nnzoil DRilling RI	g T25 RIV	J Sec 8	Other (indicate)
County	uchesne			-
COMPLAINANT			• •	
	by wills			
Address /				•
Phone #	22-2/22	₹ 1		
OBSERVER				
Fame			•	
	•		~.	• •

PLOT DESCRIPTION/DIAGRAM

COMMENTS

Division of Environmental Health 288 Worth 1460 West

P.O.B. 16700

Salt Lake City, Utah 84116-0700

DIVENION OF UIL, GAS & MINING

(801) 538-6121 Environmental Health 24-Hour Emergency Phone Number 538-6333

Phone #s 538- 6108 Air Quality

6163 General Sanitation

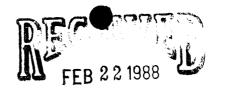
6150 Public Water Supplies

6734 Radiation Control 6170 Solid & Hazardous Waste 6146 Water Pollution Control

REFERRED TO: 6146 AND Oil GAS Mining	TYPE OF INCIDENT  New Construction
GENERAL INFORMATION	Visible Emission Open Burning
Date 2-17-88 Time of Observation	Impoundment Bypass
Company/Industry/Community/Individual: John Wills	Spill Odor
of Rosscult Through En Riege R.S.	Food
Contact Vintal Basin Health Rept Phone # 22-5085	Abandoned Waste Radiation
Location Pennzoil ORilling Rig T25 RIW Sec 8	Other (indicate)
county Dichesne	
COMPLAINANT	
Hame John Wills	
Address Roosevelt	•
Phone # 722-21.22	• · ·
OBSERVER	
Wame	
Agency	* *

PLOT DESCRIPTION/DIAGRAM

COMMENTS e were NoT STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS & MINING



## DIVISION OF OIL, GAS & MINING

19 FEBRUARY 88 1680 W HWY 40 SUITE 1295 VERNAL, UT 84078

TO: JOHN BAZA

FROM: CAROL KUBLY

RE: PENNZOIL - FRESTON 2-8B1

Dear John.

On February 17, 1988, I received a very irate phone call from Mr. John Wills of Roosevelt, Ut (801-722-2122) regarding Pennzoil's Freston 2-8B1 well which is being drilled now in SWNE, section 8, township 2 south, range 1 west, Duchesne County, Utah. Mr Wills told me that Pennzoil's reserve pit is inadequately lined and that it is leaking. This reserve pit is constructed of natural clays with bentonite sprayed on the walls of all three sections. Glenn Goodwin and Frank Matthews, both Oil & Gas field specialists, inspected the pit after construction and before any fluids were placed into it. They felt that the pit was adequate for holding drilling fluids. Pennzoil people also felt confident of the reserve pit's integrity. Mr. Wills informed me that he had been out there four or five times checking on the pit out of fear that his water well would be contaminated. Several of his inspection trips indicated that the pit was holding water. Then, after one cold night, the fluids froze over and Mr. Wills claims that the ice had collapsed which indicated to him that the pit was leaking.

Mr. Will Luna, drilling superintendent for Pennzoil, informed me, on location the afternoon of 17 February 88, that they had experienced problems with Mr. Wills prior to this well. Sometime over the last year Pennzoil drilled a well on the bench above Mr. Wills house. Mr. Wills claims that five to six hours after Pennzoil spudded that well, his water well became contaminated and that is why he is so irate now with the procedures Pennzoil is presently using. He is trying to prevent his well from contamination again.

With what I consider great foresight, Mr. Luna went to several of the neighboring houses and acquired water samples from their water wells, including Mr. Wills, prior to the spudding of the Freston 2-8B1. These samples were drawn by Uintah Engineering of Vernal, UT.

I went to the Freston well on the afternoon of 17 February 88 and informed the Company Men, Mike Rousse and Paul Deaton, of the problem with Mr. Wills. I walked around the top and bottom of the reserve pit's perimeter and took six pictures. There was no indication of a breach in the reserve pits integrity. Mr. Luna was informed of my presence and came

down to location where we conferred on the problem. He then called Bob Dunsmore of Uintah Engineering. Mr. Dunsmore is a Materials Engineering Technician and does materials testing for design and construction control on asphalt, concrete, soils, and metals. He also collected several samples - one from pit section no. one, one from pit section no. two, one from a pit off location which collects ground water, one from Cottonwood Creek just 200' off location to the west, and one from the well head. These samples were sent to Ford Chemical in Salt Lake City for analysis. These results will be available next week. (The samples from the neighboring house's water wells were also sent to Ford Chemical by Randy Freston of Uintah Engineering.) There is one picture of Bob Dunsmore taking a sample from the no. one section of the reserve pit.

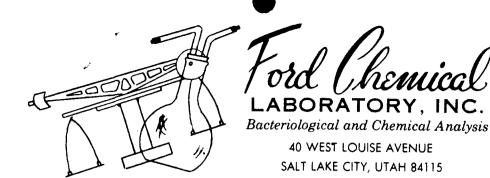
In my phone conversation with Mr. Wills, I was informed that he plans to report this insufficiency to the County Commissioners, the State's Attorney General, and his personal attorney, and that he also plans to sue the Oil & Gas Commission. He also alleged that the Division of Oil & Gas is receiving money "under the table" to allow these big oil companies to do whatever they please.

For now, I was informed to take a "wait and see" attitude by my supervisor regarding Mr. Wills. Should there be any further actions regarding this complaint, I will submit any required follow-up reports.

Sincerely,

Parol

Carol Kubly



DATE: 02/26/88

**CERTIFICATE OF ANALYSIS** 

UINTAH ENGINEERING AND LAND SURVEYING P.O. BOX Q VERNAL, UTAH 84078

88-006889

SAMPLE:

WATER SAMPLES FROM PENNZOIL WELL SITE COLLECTED 2-3-88, 11 A.M. RECEIVED 2-5-88 FOR COMPLETE ANALYSIS STARTING AT 3:30 P.M. UNDER P.O. #0860.

GROUND CREEK
WATER 200 FT
NEAR WELL FROM
WELL

PHONE 466-8761

Alkalinity, CaCO3 mg/l SM403 255 410 Ammonia, NH3-N mg/l SM417F < .03 <.03 Arsenic, As ms/1 SM304 .004 .006 Barium, Ba ms/1 SM303C . 14 .03 Bicarbonate, HCO3 mg/1 SM403 311 500 Boron as B ms/1 SM 404A .25 . 22 <.001 Cadmium, Cd ms/1 SM304 <.001 Calcium, Ca ms/1 SM303A 508.00 178.40 <.10 <.10 Carbonate as CO3 mg/1 SM403 Chloride, Cl mg/l SM407A 12.5 73.3 <.001 <.001 Chromium as Cr Hex.ms/1 SM312 Chromium, Cr (Tot) ma/1 SM303A .005 <.001 Conductivity umhos/cm SM205 2,750 1,660

All reports are submitted as the confidental property of clients. Authorization for publication of our reports, conclusions, or, extracts from or regarding them, is reserved pending our written approval as a mutual protection to clients, the public and ourselves.



PHONE 466-8761

PAGE: 2

CERTIFICATE OF ANALYSIS 88-006889

	GROUND WATER NEAR WELL	CREEK 200 FT FROM WELL
	=======	
Copper, Cu mg/l SM303A	.02	<.01
Fluoride, F mg/l SM413B	1.70	1.28
Hardness,CaCO3 mg/l SM314B	1,354	660
Hydroxide as OH ma/1 SM 403	<.10	<.10
Iron, Fe (Dis) mg/l SM303A	<.01	<.01
Iron, Fe (Tot) ma∕l SM303A	.61	.23
Lead, Fb ms/1 SM304	<.001	<.001
Magnesium, Mg mg/l SM303A	20.10	51.30
Manganese, Mn mg/1 SM303A	.04	.10
Mercury, Ha ma/l SM320A	<.0002	<.0002
Nickel, Ni ms/l SM303A	<.01	<.01
Nitrate, NO3-N mg/1 SM418C	.04	.07
Nitrite as NO2-N ms/1 SM419	<.02	<.02
Phosphate PO4-P Ortho mg/l	<.04	<.04
Potassium, K mg/l SM303A	3.50	3.69
Selenium, Se ms/l SM304	<.001	<.001
Silica SIO2 (DIS) ms/l SM425A	37.81	30.69

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PAGE: 3

CERTIFICATE OF ANALYSIS 88-006889

	GROUND WATER NEAR WELL	CREEK 200 FT FROM WELL
		ternal feeds famed topol marks colors record paster release event miles famed adjust marks release record paster release
Silver, As ms/l SM304	<.001	<.001
Sodium, Na ms/1 SM303A	21.62	119.74
Sulfate, SO4 mg/l SM426D	1,075	409
Total Dis. Solids mg/l SM209B	1,795	1,080
Turbidity NTU	33.50	17.60
Zinc, Zn ma/l SM303A	.01	<.01
eH Units SM423	7.40	8,20

PHONE 466-8761

FORD CHEMICAL LABORATORY, INC.

DATE: 02/26/88

**CERTIFICATE OF ANALYSIS** 

88-006889-01

FORD CHEMICAL LABORATORIES

BALANCE SHEET FOR SAMPLE: (1) GROUND WATER NEAR WELL

CATIONS	mg/l	meq/l
Calcium, Ca ms/l SM303A	508.000	25.349
Magnesium, Mg mg/l SM303A	20.100	1.653
Iron, Fe (Dis) ms/l SM303A	.000	.000
Sodium, Na ms/l SM303A	21.620	.940
Potassium, K ms/1 SM303A	3.500	.089
Ammonia, NH3-N mg/l SM417F	.000	.000
ANIONS	m9/l	meq/l
Carbonate as CO3 mg/1 SM4O3	.000	.000
Bicarbonate, HCO3 mg/l SM403	311.000	5.100
Sulfate, SO4 mg/l SM426D	1075,000	22.382
Chloride, Cl mg/l SM407A	12.500	.353
Nitrate, NO3-N ms/1 SM418C	.040	.001
Hydroxide as OH ms/1 SM 403	.000	.000

SALT LAKE CITY, UTAH 84115 PHONE 466-8761

## BALANCE INFORMATION

CATIONS:	28.031
ANIONS:	27.836
TOTAL:	55.867
DIFFERENCE:	.195
SIGMA:	.003

Bacteriological and Chemical Analysis

40 WEST LOUISE AVENUE SALT LAKE CITY, UTAH 84115

PHONE 466-8761

DATE: 02/26/88

**CERTIFICATE OF ANALYSIS** 

88-006889-02

## FORD CHEMICAL LABORATORIES

BALANCE SHEET FOR SAMPLE: (2) CREEK 200 FT FROM WELL

CATIONS	ms/l	mea/l
Calcium, Ca me/l SM303A	178.400	8.902
Maanesium, Ma ma/l SM303A	51.300	4.219
Iron, Fe (Dis) mg/l SM303A	.000	.000
Sodium, Na ms/l SM303A	119.740	5.209
Potassium, K m9/1 SM303A	3.690	.094
Ammonia, NH3-N mg/l SM417F	.000	.000
ANIONS	ms/l	meq/l
Carbonate as CO3 mm/1 SM4O3	.000	.000
Bicarbonate,HCO3 mg/l SM403	500.000	8.200
Sulfate, SO4 me/l SM426D	409.000	8.515
Chloride, Cl mg/l SM407A	73.300	2.068
Nitrate, NOS-N me/l SM418C	.070	.001
Hydroxide as OH ma/1 SM 403	- 000	000

## BALANCE INFORMATION

CATIONS:	18.424
ANIONS:	18.784
TOTAL:	37.208
DIFFERENCE:	.360
SIGMA:	.009

All reports are submitted as the confidental property of clients. Authorization for publication of our reports, conclusions, or, extracts from or regarding them, is reserved pending our written approval as a mutual protection to clients, the public and ourselves.

cofile



## **UINTAH BASIN DISTRICT HEALTH DEPARTMENT**

Uintah County Courthouse, Vernal, UT 84078 - (801) 781-0770 Duchesne County Courthouse, Box 210, Duchesne, UT 84021 - (801) 738-5370

Daggett County Courthouse, Box 156, Manila, UT 84046 - (801) 784-3494 
Roosevelt Branch Office, 57 No. 100 East (83-7), Roosevelt, UT 84066 - (801) 722-5085

Joseph B. Shaffer, M.A. Director Health Officer

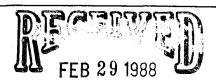
Norma Nawahine, R.N. Nursing Supervisor

Lowell Card, R.S. Environmental Health Supervisor

Katherine Gardiner Office Manager

### **Board of Health Members**

LaRae Sadlier Lee Nelson Jim Reidhead Ellen Rawlings Kay Campbell Keith Goodspeed Richard Jolley, D.D.S. Wm. T. Durant, M.D. Gary Wold, M.D. 030742



DIVISION OF OIL, GAS & MINING

TO: Pennzoil

Box 290

Neola, UT 84053

RE: Freston 2-8-B1

drl.

25 / W Sec. 8

43-013-31203

DATE OF INSPECTION: February 25, 1988

Dear Sirs:

This letter is to verify a wastewater inspection made at the above mentioned site and date. An inspection report is enclosed. This letter constitutes approval of the wastewater facilities as constructed and operating at the time of the inspection.

We appreciate your cooperation in designing and maintaining facilities in the interest of public health.

Sincerely.

Ed Riege R.S.

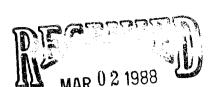
Environmental Health Specialist



# Uintah Engineering, Inc.

85 SOUTH 200 EAST • P.O. BOX 1758 VERNAL, UTAH 84078

PHONE (801) 789-1017



DIVISION OF OIL, GAS & MINING RANDY L. FRESTON PHONE 722-3034

NELSON J. MARSHALL PHONE 789-0272

GENE STEWART
PHONE 789-1795

LAWRENCE C. KAY

PHONE 789-1125

TROY D. OSTLER, P.E. PHONE 789-5559

ROBERT E. DUNSMORE PHONE 722-3313

DERRICK A. RADKE PHONE 789-5185

State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

Attn: John Baza, Petroleum Engineer

Re: Water Samples for Pennzoil Company Well Site, API 43-013-

31203

Dear Mr. Baza:

Transmitted herewith are the results of the first two water samples taken from the above mentioned well site.

If you have any questions concerning these results please contact Mr. Willburn Luna with Pennzoil at 353-4397.

sincerety,

March 1, 1988

Derrick A. Radke Uintah Engineering, Inc.

DAR/ch

Enclosures

cc: Willburn Luna - Pennzoil Company Project file

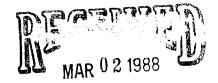
DOGM FORM 5	STATE 25 UTAH	SUPERIOR IN INDIVIDUAL	Budget Bureau	No. 1004-0135
DEPAR	TMEN F NAT. RESOU	RCES (Other instructions verse side)	Expires August 5. LEASE DESIGNATION	
	ION OF OIL, GAS, AND	· •	· .	EEE LAND
CHAIDDY NO	TICES AND PEPORTS	ON WELLS	6. IF INDIAN, ALLOTTE	
(Do not use this form for pro Use "APPL	oposals to drill or to deepen or plusication FOR PERMIT—" for su	proposals.)		0734
OIL WELLX XXX WELL OTHER  2. NAME OF OPERATOR		MAR 0 2 1988	7. UNIT AGREEMENT NA 43-013-31 8. FARM OR LEASE NAD	203-Orl
Pennzoil Company		fig. 106; or	Freston	
3. ADDRESS OF OPERATOR		OIL, GAS & MINING	9. WELL NO.	
P.O. Box 290 Neola,	Utah 84053		2-8B1 10. FIELD AND POOL, O.	R WILDCAT
See also space 17 below.) At surface	n clearly and in accordance with an		BlueBell-Wa	
			11. SEC., T., R., M., OR I SURVEY OR AREA	BLK. AND
1412' FNL & 2380' F	EL		SWNE	
14. PERMIT NO.	15. ELEVATIONS (Show whether	DF. RT. GR. etc.)	Sec. 8, T2S	R1W
API 43-013-31203	5231' GE	,	Duchesne	UT
		Nature of Notice, Report, or O	_	
NOTICE OF INT	•••		INT REPORT OF:	
<u> </u>	PCLL OR ALTER CASING	WATER SHUT-OFF	REPAIRING V	WRIT.
TEST WATER SHUT-OFF FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING C	
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONME	NT*
REPAIR WELL	CHANGE PLANS	(Other) Monthly (Norm: Report results)	Operations	Well XXX
(Other)	Opposition (Classic state all portion	Completion or Recomple ent details, and give pertinent dates, cations and measured and true vertical	tion Report and Log for	rm.)
the 20" at 21'. - Mi & RURT. Spudo		nine @ 3:00PM on 2-9		
w/a 14 3/4 bit a	an fresh water.			
		waterflow on a conr i circulated 10.7 #		
- On 2-26-88, on a w/11.7# mud in well flow.		4' found well flowir 1 mud weight to 12.5		
- Drilled from 3212	' to 3620' with 12	2.5/12.6# drilling m	nud.	
- At 6:00AM on 3-1-fluid.	-88 drilling at 36	520' with 12.6#, 43v	vis, 10WL dr	illing
	055	ice 801-353-4397		
18. I hereby certify that the foregoing	g is true and correct	lce 801-353-4397 Lling Superintendent		-1-88
signed Wilburn L.			_ DATE	
(This space for Federal or State of	office use)			
APPROVED BY	TITLE		_ DATE	
CONDITIONS OF APPROVAL, IF				
UT-100B				

\*See Instructions on Reverse Side

# PENNZOIL EXPLORATION AND PRODUCTION COMPANY

P. O. BOX 290 • NEOLA, UTAH 84053 • (801) 353 - 4397

March 1, 1988



DIVISION OF CIL, GAS & MINING

State of Utah, Dept of Natural Resources Division of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203

Re: February 1988 operations report for:

Freston No. 2-8B1 1412' FSL & 2380' FEL SWNE Section 8, T2S, R1W Duchesne County, Ut

API 43-013-31203

#### Gentlemen:

Enclosed please find the original and three (3) copies of your DOGM Form 5 "SUNDRY NOTICES & REPORTS ON WELLS" for captioned operations on captioned well.

Should there be any question, please contact the undersigned at (801) 353-4397.

Sincerely,

Pennzoil Company

Wlburn L. Luna

Operations/Drilling Superintendent

Enclosure

UT-100

## STATE OF UTAH DIVISION OF OIL, GAS AND MINING BOPE TEST INSPECTION FORM

COMPANY: Pennsoil Company REPRESENTATIVE: faul Deason
WELL NAME: <u>Juston 2-8B1</u> API# 43-013-31203
QTR/QTR SWN6 SECTION 8 WELLSIGN 1/TWP 250 RANGE 18.
INSPECTOR: Carol Kubly DATE: 1 April 88
DRILLING CONTRACTOR Nortgomery Drilling RIG # 46
RIG OPERATIONS: TIH W/ new bit - semi-monthly Check
DEPTH 10,423' LAST CASING 103/4" @ 3726'
TEST BY Double Jack WATER / MUD
PRESSURE RATING OF STACK 5000 # H2S RATED No one knows
TEST PRESSURES 3000 / 1500 KELLYCOCK: UPPER 3000 LOWER 3000
INSIDE BOP FULL OPENING VALVE ON FLOOR
WRENCH FOR FULL OPENING VALVE/KELLYCOCK ON FLOOR
STACK - LISTED AS ARRANGED - TOP TO BOTTOM:
1. Hydril
2. <u>blind rams</u>
3. <u>pipe rams -5"</u>
4. pipe rams -5"
5. dela spool
6
ADDITIONAL COMMENTS:
REPORTED BY: Paul Deaton PHONE: 722-3107
DATE: 31 Narch 88 SIGNED:
(IF TESTED BY INDEPENDENT COMPANY, ATTACH COPY OF TEST)

# P.O. Box 2097 Evanston, Wyoming 82930

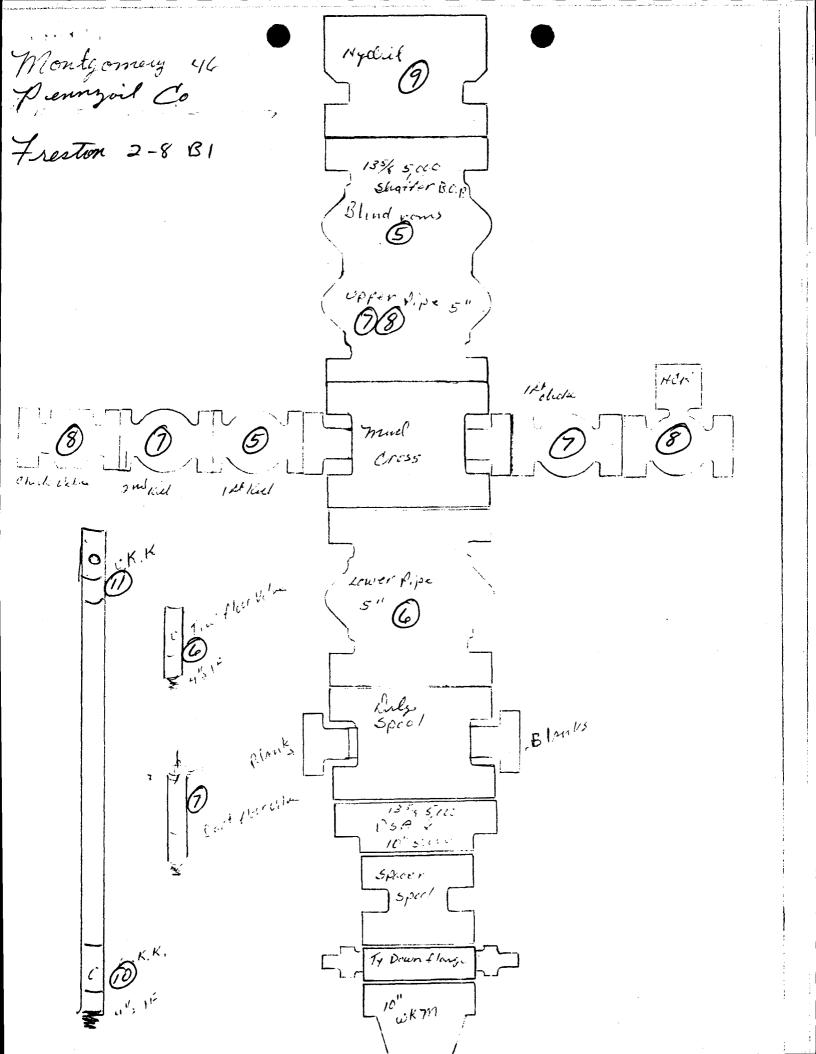
5603

FIELD TICKET

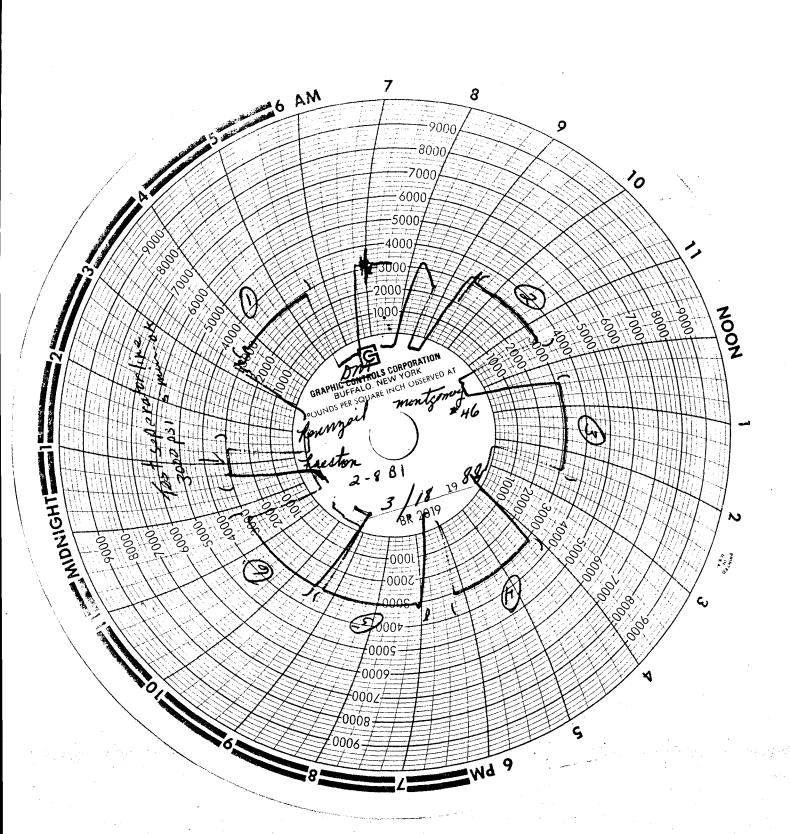
DATE > / 100	(307) 789-9213	RIG NAME AND #	1 2 2
3/18/88		Montameri	Inla Co +46
OPERATOR	•	WELLNAMEANDN	
COUNTY STATE	SECTION	Freston 2 TOWNSHIP	RÂNGE .
duchesno Otale		2-5	The way
	•		
1.1	<b>EQUIPMENT TESTED</b>	•	
Blind RAMS 3,000 PS	15min ok		•
5" p.pe HAMS 3,000 PS/	15 min 06		
5" Pipe RAMS S.000 PSI	15400		
ANNULAR OS			<del> </del>
/ CHOKE /	1 15 min OK		
LINE JOSO PS			
LINE	1 15 min 06		
UPPER KELLY 3,000 PS	1 15 min ok		
LOWER KELLY 3,000 PS			
Dart SAFETY VALVES 3,000 PS	•	· · · · · · · · · · · · · · · · · · ·	
	ADDITIONAL TESTS & COMM	FNTS	
Vsupos	Console Gange 3,	000 @ 2000	
Test super	Super Choke 3.	500 ACI 15 min	O.F.
Fest Seperar	Super Choke 3,	51 5 min 0/	
array on	Location ( 2:00 p	m + Start To	ating
Soul and A	part 6 9:00 P.	197 2/10/88	
— Agus ag u	<del></del>	5/11/0	
	71	2,0	
	1 Monte	Le Core de	
	1	· · · · · · · · · · · · · · · · · · ·	
CLOSING UNIT PSI 3000			DRIL 135ex
CLOSED CASING HEAD VALVE	SEI W	EAR RING	
UNIT RATES B.O. P. test up	to 10,000 psi (First	8 MO (B)	
ADDITIONAL	• •		;
MILEAGE Rowal trys out of l	Gernal 35 mile x.	Q 1 po Thil	•
TEST PLUG 10" WK711			•
RET. TOOL 4 Ton Lot		·	;
TOP SUB. 4/2 1F			
KELLY SUB. 4/2 /F		<del></del>	,
METHENAL TO Charge Charles	Pres & Maril at Q 20	100 SI V 25 SI	1
OTHER	The state of the s	- Grand	
1 400			
TESTED BY Son Illos	res	SUBTO	ГА
SIGNATURE Mike	$\mathbf{O}^{-2}$	* 4	ΓΑ
SIGNATURE ////DR	ROUSA e-	TO	ΓΛ :

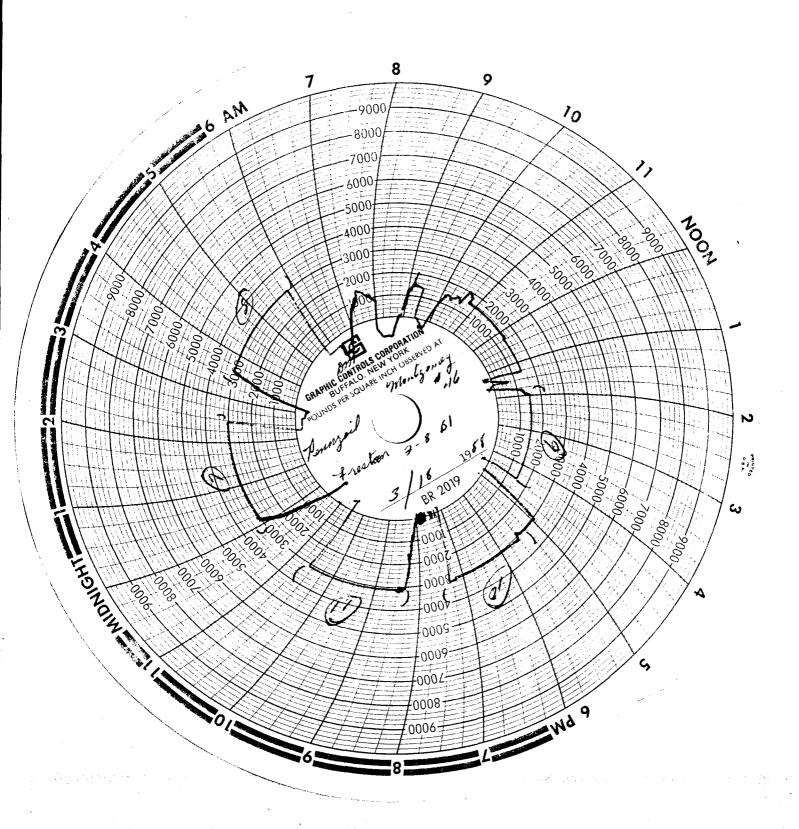
COMPANY REPRESENTATIVE

Freston 2-8 B 1 3/18/88 Montgoney +14 COMPANY Pennyail TEST# TIME Test Choke Monifold maide Cheke Monifold Values + HCK-2:25 - 2:40 3,000 PSI 15 min Ct 2nd set Classe Monifold dalones + Sween Sugar Chake 3:02-3:17 3,000 psi 15 min OK Eliplone Conga + Hipple + 3rd Set down Stream Monifold laber tighter up Survey Sensation 3:20 .3:35 3,000 ps. 15 min Ok Out side Chale monifel Value 3:40 -3:55 3,000 ps1 15 mm ok Set slug + Wast out Bap. + Lill Blind Roms + inside Kill Sine Value 4:54-5:09 3,000 psi 15min Ob P. U. Jut D. p. + Tew + Dart - String unter Parg Lower Pipe Romo + Tie 5.130-5.45 3,000 ps1 15 min Ok Upper Ripe some + Dart + 2nd Kil + waich Chuke har Cale (2) 6:10 -6:25 3,000 ps1 15min ok 6:30-6:45 3,000 psi 15 min Ok Hydril - { Work + Work aut? 7:15-7:30 1500 PSL 15 min Ok Bull plus + Set Wear Slewe Pick sop Kelly + test 8:15-8:30 3,000 ps1 15 min Ok Vypen Kelly 8:35-8:50 3,000 ps) 15 min Ok Tested Separter lines from Floor to Separation of Fill Choke line + Monfold with Wretherd & Spool of took Thank Jan ...



Montgomey 46 Pennjail Frestor 2-8 B1 (3)





## Double Jack Testing & Services Inc.

P.O. Box 2097

Evanston, Wyoming 82930

FIELD 5609

TO

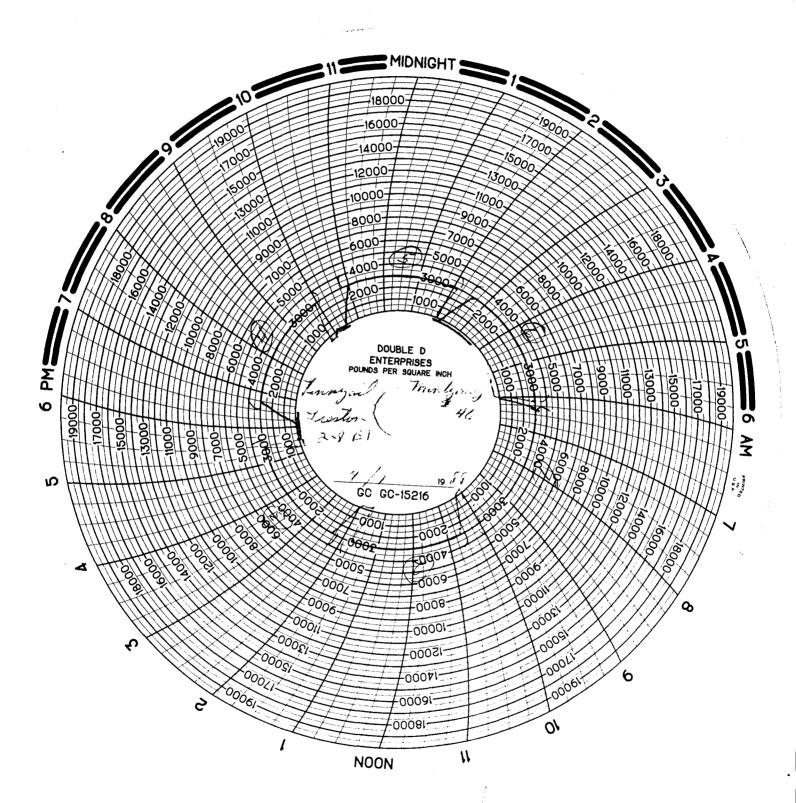
(307) 789-9213 DATE RIG NAME AND # Montgonia 4. WELL NAME AND NO. restore **SECTION** TOWNSHIP RANGE **EQUIPMENT TESTED** TOP RAMS 3,000 ps, 15 min 0/2 RAMS 3,000 ps/ 15 min " RAMS 3,000 PSI B.O.P. \_\_ CHOKE LINE \_ LINE KELLY 3,000 LOWER **ADDITIONAL TESTS & COMMENTS** Swaro Console gange 3,000 @ 3,000 worked on Hydraulic lane to Nak. CLOSING UNIT PSI 3,000 CLOSING TIME OF RAMS 7 Sec HYDRIL 14 IN SET WEAR RING Yes CLOSED CASING HEAD VALVE メセン UNIT RATES B.O. P test up to 10 now PSI (First 8 Ms @ ADDITIONAL .. TOP SUB. \_1/3 KELLY SUB. 4/21F 4 antiforeryo in Checke Womfalda **SUBTO** TESTED BY SIGNATURE Tau

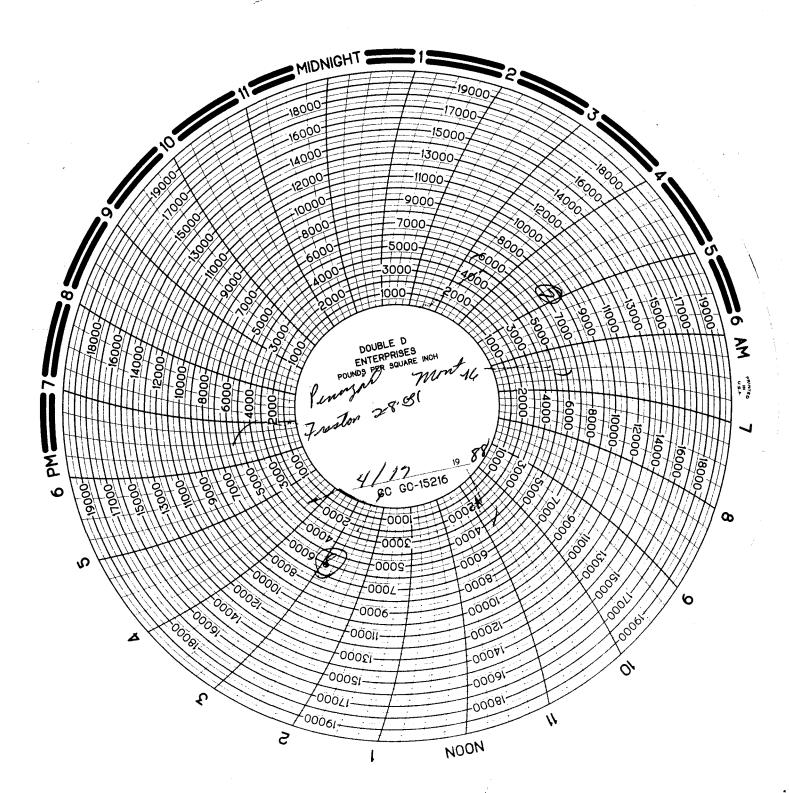
REPRESENTATIVE

حاليا معيد	· · · · · · · · · · · · · · · · · · ·	BEST COPY AVAILABLE DATE OF TEST RIG # AND NAME
	3	Freston 2-8 B1 4/1/88 Montgomy 4/6
TEST#_	TIME	arrive + this of on Cheke Monifold 8:00 km
0	Ani	inside Checke Monifald Colues
<u> </u>		3,000 PSI 15 min ok
(3)	9:05 - 9:20	3 oce PSI 15 min ok. 3rd Set clown Straw Chake Minifel Calow
	9:259:40	Lack according & Work and B.O.P. + Set play
<u>D</u>		(Blind romes) + inside Kill line Chlue + Cent Sil Monifold Chlus
	10:05 -10:20	Soo PSI 15 min Ok Thek ap Tut 5" Op + Tiw + Stam water Plus Capper pipe room + 2 workell land bloc + angule Chek line Value + Tiw
<u>(5)</u>	10.35 -10.53	13,000 131.13100 215
	11:05 - 11:20	3,000 psi 15 num ok
0		Former Ripe 5" roms - Come are Working Slow
<u> </u>		1500 151 151nin ok
	pn: J	Save Hely Chles
	15:30 - 5:41	3000 psi smirak
		Lipper Killy Calos
<u> </u>	L	( 2 1 + 1/2 1 12 12 1 2 1 2 1 2 1 2 1 2 1 2 1 2
		Mange C'Sake I Denilety' & Fine with Wattered
		- Lings bills berief & die berief
		Mark Jan

Mydil (8) Montgomery 46 pennyoil Co Frestin 2-8 B1 Sharrer BCA Blind poms 12t oliche 3 Cress 1 St hall O KK Coly Spect Blooms 13845700 1384 V Ty Down Flory.

Montgomey 46 Pennyal Frestor 2-8 B1

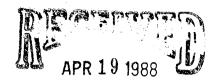




## PENNZOIL EXPLORATION AND PRODUCTION COMPANY

P. O. BOX 290 • NEOLA, UTAH 84053 • (801) 353 - 4397

April 18, 1988



DIVISION OF OIL, GAS & MINING

State of Utah, Dept of Natural Resources Division of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203

Re: March 1988 operations report for:
Freston No. 2-8B1
1412' FSL & 2380' FEL
SWNE Section 8, T2S, R1W
Duchesne County, Ut
API 43-013-31203

#### Gentlemen:

Enclosed please find the original and three (3) copies of your DOGM Form 5 "SUNDRY NOTICES & REPORTS ON WELLS" for captioned operations on captioned well.

Should there be any question, please contact the undersigned at (801) 353-4397.

Sincerely,

Pennzoil Company

Wlburn L. Luna

Operations/Drilling Superintendent

Enclosure

UT-100

DOGW FORM 5				Form approved. Budget Bureau No	1004 012
DOWN FORM 5	STATE COLUTAR DEPARTMENT OF IN. DIVISION OF OUR GA		SUBMIT IN TRIPLICATE (Other instructions re	Expires August 31	, 1985
	DEPARIMENT OF IN	AT RESOURCE	S verse side)	5. LEASE DESIGNATION AND	
	Dividion of oldy div	0. 141D 11211211C		6. IF INDIAN, ALLOTTEE OF	
(Do not use th	NDRY NOTICES AND F is form for proposals to drill or to o Use "APPLICATION FOR PERMI	REPORTS ON leepen or plug back T—" To have	MELLS	o. I moint, abbottob of	A LEADE NAME
OIL XXXX GAS	OTHER			7. UNIT AGREEMENT NAME	
Pennzoil Co		AF	PR 19 1988	8. FARM OR LEASE NAME Freston	
P.O. BOX 29	0 Neola, Utah 8405	3	IVISION OF	9. WBLL NO. 2-8B1	
4. LOCATION OF WELL See also space 17 b At surface	(Report location clearly and in accorelow.)	dance with any Star	e requirements.	10. FIELD AND POOL, OR W	
1412' FNL &	2380' FEL			11. SEC., T., R., M., OR BLK. SWN E	
14. PERMIT NO. API 43-013-	15. ELEVATIONS (	Show whether DF, RT,	GR, etc.)	Sec. 8, T2S	3. STATE
		5231' GR		Duchesne	UT
16.	Check Appropriate Box 7	o Indicate Natu	• •		
	NOTICE OF INTENTION TO:		SUBSEQ	UENT REPORT OF:	
TEST WATER SHUT-		·	WATER SHUT-OFF	BEPAIRING WELL	
FRACTURE TREAT SHOOT OR ACIDIZE	MULTIPLE COMPLETE ABANDON*	·	FRACTURE TREATMENT	ALTERING CASIN  ABANDONMENT*	·
REPAIR WELL	CHANGE PLANS		(Other)	Tly Operations	<del>XXX</del>
(Other)			(NOTE: Report results	of multiple completion on letion Report and Log form.)	Well
17. DESCRIBE PROPOSED proposed work.  — Drilled to this work.	OR COMPLETED OPERATIONS (Clearly st if well is directionally drilled, give 3726' with 12.5# n	ate all pertinent de subsurface locations			
Set & cmted	10 3/4", 45.5#, K-	55, ST&C c	sg @ 3724' with	n 2686 sks. cmt	<b>:.</b> ,
- N/U & teste	d BOP stack & csg	to 2700Psi	•		
- Drilled out	to 3736'. Tested	d csg seat	to 18.1# eq. m	ud wt.	
- @ 6:00AM on	4-1-88 drilling @	10,423' v	with 10.5#, 39 h	ois, 9.8 WL mud	1.
- Drilled to mud wt. 13.	11,355' on 4-9-88 0#.	with 12.5	#, 41vis, 8.4 W	L mud and rais	eđ
- Welex ran D	LL-GR, FDC-CNL, SO	NIC & DIPM	ETER logs.		
- Ran and cem at 11,250',	ented 268 jts, 7 5 105' off bottom.	5/8", 29.7 Cemented	0#, N-80/P-110/ with 2502 sks.	S-95, LT&C csg in two stages	•
- 0 6:00AM on Wasatch For	4-18-88 picking u mation.	p BHA for	drilling 6 3/4"	hole in the	
18. I hereby certify tha	t the foregoing is true and correct	Office 801	-353-4397		
SIGNED	L. Juna		uperintendent	DATE 4-18-8	8
(This space for Fed	etal or state blade use)				
APPROVED BYCONDITIONS OF A	PPROVAL, IF ANY:	TITLE	· · · · · · · · · · · · · · · · · · ·	DATE	

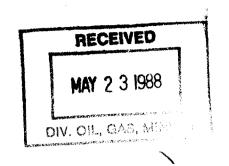
UT-100B 3 thru 78

## PENNZOIL EXPLORATION AND PRODUCTION COMPANY

P. O. BOX 290 • NEOLA, UTAH 84053 • (801) 353 - 4397

May 20, 1988

State of Utah, Dept of Natural Resources Division of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203



Re: April & May 1988 drilling operations report for:
Freston No. 2-8B1
1412' FSL & 2380' FEL
SWNE Section 8, T2S, R1W
Duchesne County, Ut
API 43-013-31203

Gentlemen:

Enclosed please find the original and three (3) copies of your DOGM Form 5 "SUNDRY NOTICES & REPORTS ON WELLS" for captioned operations on captioned well.

Should there be any question, please contact the undersigned at (801) 353-4397.

Sincerely,

Pennzoil Company

Wilburn L. Luna

Operations/Drilling Superintendent

Enclosure

UT-100

DOCH FORM 5 STATE OF USER  DEPARTMENT OF NATURAL RESERVED FOR STATE OF USER  DIVISION OF OIL, CAS AND M	SUBMIT IN TRIPLIC (Other Instructions of Council of Cou	Form approved.  Budget Bureau No. 1  Expires August 31, 1  5. LEASE DESIGNATION AND 8	985 DRIAL NO.
SUNDRY NOTICES AND REPORTS  (Do not use this form for proposals to drill or to deepen or pluse "APPLICATION FOR PERMIT—" for	ON WELLS	6. IF INDIAN, ALLOTTEE OR T	EELAND EIBE NAME
OIL XXXX GAS WELL OTHER			
2. NAME OF OPERATOR Pennzoil Company	MAY 2 3 1988	8. FARM OR LEASE NAME Freston	
P.O. Box 290 Neola, Utah 84053	DOMESTICAL MANAGEMENT	9. WELL NO. 2-8B1	
4. LOCATION OF WELL (Report location clearly and in accordance with an See also space 17 below.) At surface	J State requirements.	10. FIELD AND POOL, OR WILL BlueBell-Was	
1412' FNL & 2380' FEL		11. SNC., T., B., M., OR BLK. AN SWNE OR AREA Sec. 8, T2S,	
14. FERMIT NO. API 43-013-31203 15. ELEVATIONS (Show whether 5231"		12. COUNTY OR PARISH 13. Duchesne	UT.
16. Check Appropriate Box To Indicate	Nature of Notice, Report, or O	ther Data	
NOTICE OF INTENTION TO:	SUBSEQUI	ENT REPORT OF:	
TEST WATER SHUT-OFF PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL	
FRACTURE TREAT  SHOOT OR ACIDIZE  MULTIPLE COMPLETE  ABANDON*	FRACTURE TREATMENT SHOOTING OR ACIDIZING	ALTERING CASING ABANDONMENT*	
REPAIR WELL CHANGE PLANS	(Other) Month	ly Operations	XXX
(Other)	(Note: Report results (Completion or Recomple	of multiple completion on We tion Report and Log form.)	ú
Cleaned but 5 5/8" csg & tested same Drilled out & washed 105' of open holin the wellbore for an eq. mud wt. te Drilled to TD, 12,930', and logged the dipmeter.	e, tested csg seat st of 17.9#.		B • O #
Ran 48 jts (1873.33') 5 1/2", 20#, P-	110/S-95, FL-4S Lin	er.	
Set & cemented liner from 12,928' to without problems.	11,054' w/ 288 Sks	Cl "G" cement	
Cleaned out wellbore to 12,917' for P	BTD & ran CBL.		
Tested liner top w/2000Psi over 13.8# differential. The tests were OK.	mud & w/a flow bac	ck test of 2618	Psi
Then displaced the 13.8# mud in the we	ellbore w/10.0# bri	ne water.	
Nippled up wellhead and released the 1	cig at 2400 hrs on	5-18-88.	
18. I hereby certify that the foregoing is true and correct Office  Willowen L. Luna  TITLE  TITLE	801-353-4397 ng Superintendent		
(This space for Federal or State office use)  APPROVED BY TITLE  CONDITIONS OF APPROVAL, IF ANY:		DATE	
-100D 2 +b~n 70			

#### \*See Instructions on Reverse Side



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISIO	ON OF OIL, GAS, AND MI	NING O MÜİCI VIL	5. LEASE DESIGNATION AND SERIA	L NO.
SUNDRY NOTICE (Do not use this form for propose Use "APPLICA"	CES AND REPORTS C		G. IF INDIAN, ALLOTTER OR TRIBE	NAME
OIL GAS GARAGE OTHER			7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Pennzoil (	Company Utah Acct.	# N0705	8. FARM OR LEASE NAME See Attached List	 t
8. ADDRESS OF OFERATOR P.O. Box 2	2967 Houston, TX 7	77252-2967	9. WELL NO.	
4. LOCATION OF WELL (Report location de See also space 17 below.) At surface  See Attache	ed List of Wells	State requirements.*	10. PIELD AND POOL, OR WILDCAT  RIUPHOI / Altamor  11. EBC., T., E., M., OR BLK. AND SURVEY OR AREA	
14. API NUMBER	15. BLEVATIONS (Show whether DF,	NT, GR, eta.)	12. COUNTY OR PARISH 18. STAT. Duchesne & Uta	
16. Check App	propriate Box To Indicate N	ature of Natice, Report,	5	
FRACTURE TREAT  SHOOT OR ACIDIZE  REPAIR WELL  (Other)  Operator Name  17. DESCRIBE PROPOSED OR COMPLETED OPER, proposed work. If well is direction nent to this work.)  Change of operator	arions (Clearly state all pertinent ally drilled, give subsurface location name from Pennzoiny, effective June 1	details, and give pertinent disons and measured and true veril Company to Penn 1, 1988.		ng ang
		<b> </b>	ORB GLH OTS SLS OTAS	
18. I hereby certify that the foregoing is	true, and correct	3	) - MICROFILM /	
SIGNED Muzze P. San	1// -	ern Div. Producti	on Mgr. DATE 6-9-88	······································
(This space for Federal or State office	(Mac)			
APPROVED BY	TITLE		DATE	

ENTITY NUMBER	LEASE NAME	LEGAL DESC.	API #	REMARKS	
5780	VIC BROWN 1-4A2	1S 2W 4	4301330011		
5785	UTE ALOTTED 1-36Z2	10 2W 36	4301330307	•	- <del> </del>
`5790	HORROCKS 1-6A1	1S 1W 6	4301330390		53
5795	J YACK 1-7A1	15 1N 7	4301330018		
5800	BASTAIN FEE #1	15 1W 7	4301330026		
5805	CHASEL FLY DIAMOND 1-18A1		4301330020		
5810	STATE 3-18A1	15 1W 18	4301330369		
5815	RG DYE 1-29A1	1S 1W 29	4301330271	WSTCV	
\$5820	SUMMERALL 1-30 A1	1S 1W 30	4301330250	_100.0	
<b>\</b> 5825	LL PACK 1-33A1	1S 1W 33	4301330261		
5835	UTE 11-6A2	1S 2W 6	4301330381		
5836	UTE 2-7A2	1S 2W 7	4301331009		
5840	DOUG BROWN 1-4A2	1S 2W 4	4301330017		
\$845	LAMICQ URRUTY 4-5A2	1S 2W 5	4301330347		
<b>`5850</b>	UTE 1-7A2	1S 2W 7	4301330025		_
<b>`5855</b>	LAMICQ URRUTY 2-9A2	1S 2W 9	4301330046	GRRV /	
<b>\5860</b>	STATE 1-10A2	1S 2W 10	4301330006		
<b>\5865</b>	SPRGFIELD M/BK 1-10A2	1S 2W 10	4301330012		
5870	L. BOREN 2-11A2	1S 2W 11	4301330277		
5875	KENDALL 1-12A2	1S 2W 12	4301330013		
5876	CLYDE MURRAY 1-2A2	1S 2W 2	4301330005	GRRY /	
5877	BLANCHARD 1-3A2	1S 2W 3	4301320316		
<b>`</b> 5880	OLSEN 1-12A2	1S 2W 12	4301330031		
<b>`</b> 5885	L.BOREN 1-14A2	1S 2W 14	4301330035	GERV	
<b>&gt;</b> 5890	UTE 3-18A2	1S 2W 18	4301330125	<del> </del>	
5895	UTE TRIBAL 4-19A2	1S 2W 19	4301330147		
5900	L. BOREN 5-22A2	1S 2W 22	4301330107		
5905	L. BOREN 4-23A2	1S 2W 23	4301330115		
<b>\5910</b>	UTE TRIBAL 5-30A2	1S 2W 30	4301330169	WSAC C	
5920	BECKSTEAD 1-30A3	1S 3W 30	4301330070	WSTC	
5925	UTE TRIBAL 10-13A4	1S 4W 13	4301330301		
5930	KARL SHISLER 1-3B1	2S 1W 3	4301330249		
<b>\5935</b>	C B HATCH 1-5B1	2S 1W 5	4301330226		
`5940	NORLING 1-9B1	2S 1W 9	4301330315		
`5945 `5950	H.G. COLTHARP 1-15B1	2S 1W 15	4301330359		
`5950 `5960	GEORGE MURRAY 1-16B1	2S 1W 16	4301330297	()	
5965	EH BUZZI 1-11B2	2S 2W 11	4301330248	WSICI	
5970	DL GALLOWAY 1-14B2	2S 2W 14	4301330564	10701	
5975	STATE PICKUP 1-6B1E LAMICQ URRUTY 1-8A2	2S 1E 6	4304730169	WSICE	
9770	SMITH 1-14C5	1S 2W 8 3S 5W 14	4301330036 4301330980		
9895	RACHEL JENSEN 2-16C5	3S 5W 16	4301330912		
10452	LAKEFORK 2-13B4	2S 4W 13	4301331134		
10432	HATCH 2-3B1	2S 1W 3	4301331147		
10616	NORLING 2-9B1	2S 1W 9	4301331151		
10679	ROBERTSON 2-29A2	1S 2W 29	4301331150		
10753	SHAW 2-27A2	1S 2W 27	6701771106		
<b>\10764</b>	LAMICQ URRUTY 4-17A2	1S 2W 17	4301331190	Dulg. Wate Conf.	
10785		1S 2W 11	4301331192	The The Thirty	
10794	LAMICQ 2-20A2	1S 2W 20	4301331191	11 0 11 000	10 -12 3/2-2
	FRESTON 2-8B1	2S 1W 8	4301311203	CURRENTLY BEING DRILLED PA	43-013-31203
	SALERATUS WASH 1-17C5 SWD		4301399998	SALT WATER DISPOSAL WELL	43-013-30388-CPRU
	\ANDERSON 2-28A2 SWD	1S 2W 28	<del>430439999</del> 2	SALT WATER DISPOSAL WELL	43-013-30346 UNTA
		•			וויאש שוףכטפייפוטייו



DOUBLE JACK TESTING & SERVICES, INC.

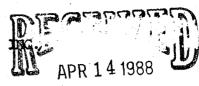
B.O.P. TEST REPORT

DIVISION OF OIL, GAS & MINING

B.O.P. Test performed on (date) 3 //8 /88
Oil Company Pennyail Co
Well Name & Number Freston 2-8 B1
Section 8
Township 2-5
Range 1-W
County Auchesia
Drilling Contractor Montgoney Asla Co #16
Oil Company Site Representative Mike
Rig Tool Pusher Ruhard
Tested out of Clarad
Notified Prior to Test
Copies of this test report sent to: Dinnyail Co
Montgoning Holy Co
State
Original chart & test report on file at: And la fack office - Gime!
Original Chart & act 151

Tested by: Double Jack Testing & Services, Inc 608 North Vernal Avenue Vernal, Utah 84078

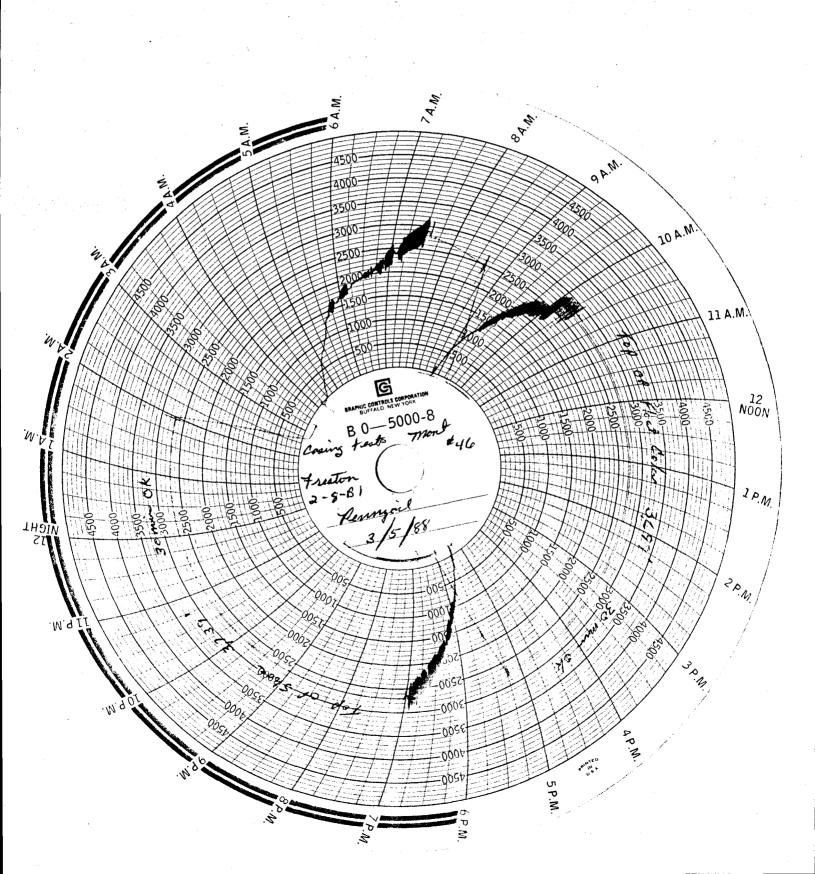
## DOUBLE JACK TESTING & SERVICES,

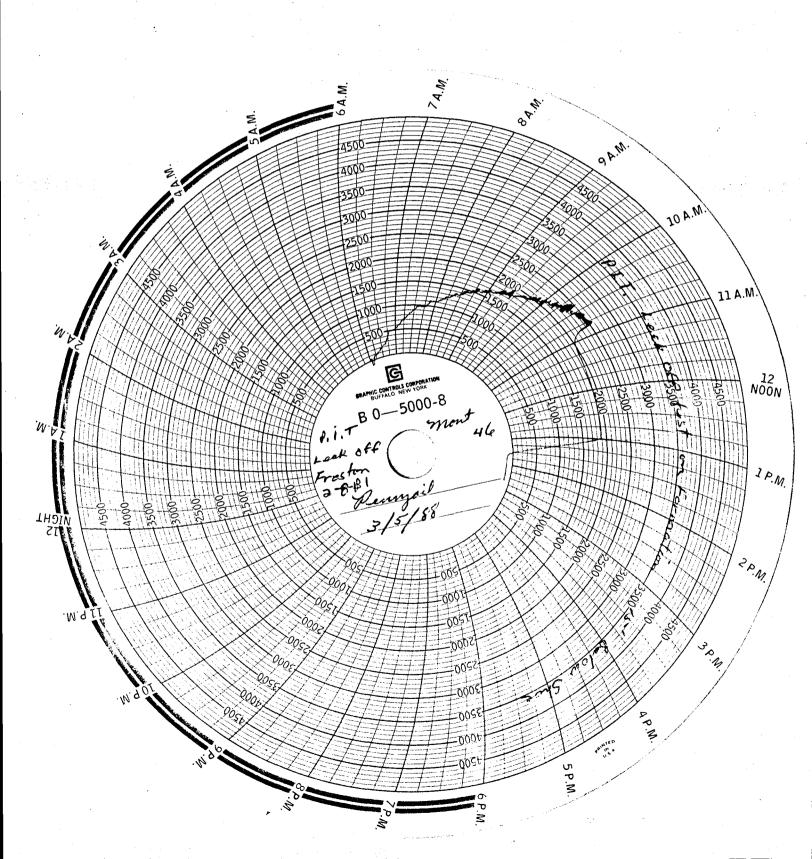


### P.I.T TEST REPORT

2/5-188	DIVISION OF OIL, GAS & MINING
P.I.T. Test performed on (date)3/5-/88	
Oil Company Henryand Co	
Well Name & Number Freston 2-8-B1	
Section	
Township	
Range	
County Lincleson	
Drilling Contractor Montgomy Orly Co 46	
Oil Company Site Representative <u>Will</u> & una	
Rig Tool Pusher	
Tested out of Classed	· · · · · · · · · · · · · · · · · · ·
Notified Prior to Test	
Copies of this test report sent to: Kennyail	
Montgoney	*46
State	
Original chart & test report on file at: []	). J. Other

Tested by: Double Jack Testing & Services, Inc 608 North Vernal Avenue Vernal, Utah 84078





#### DOUBLE JACK TESTING & SERVICES, INC.



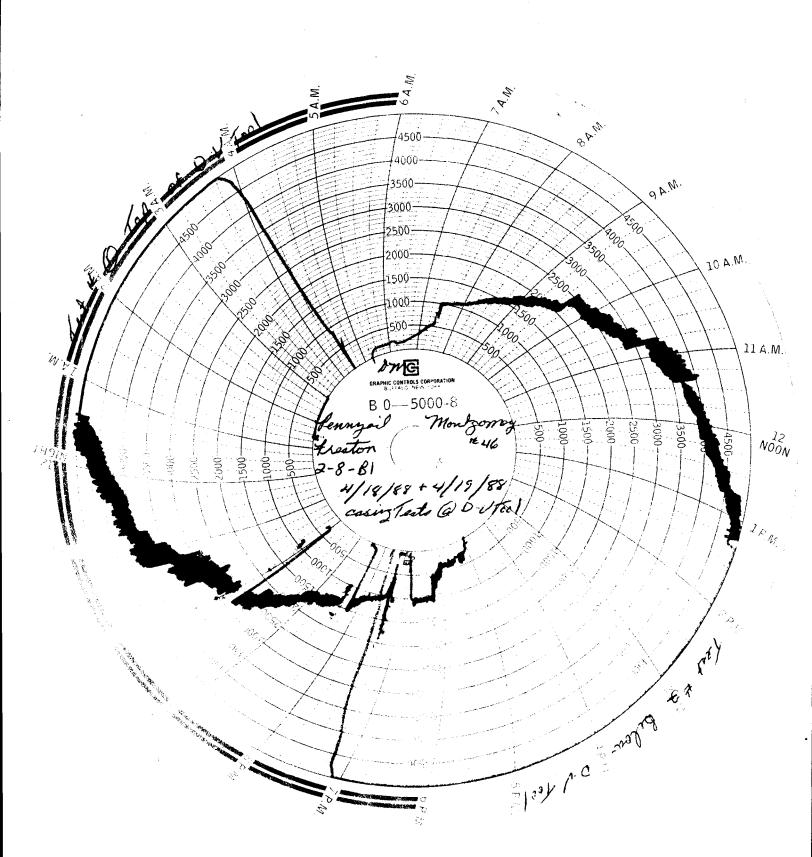
B.O.P. TEST REPORT

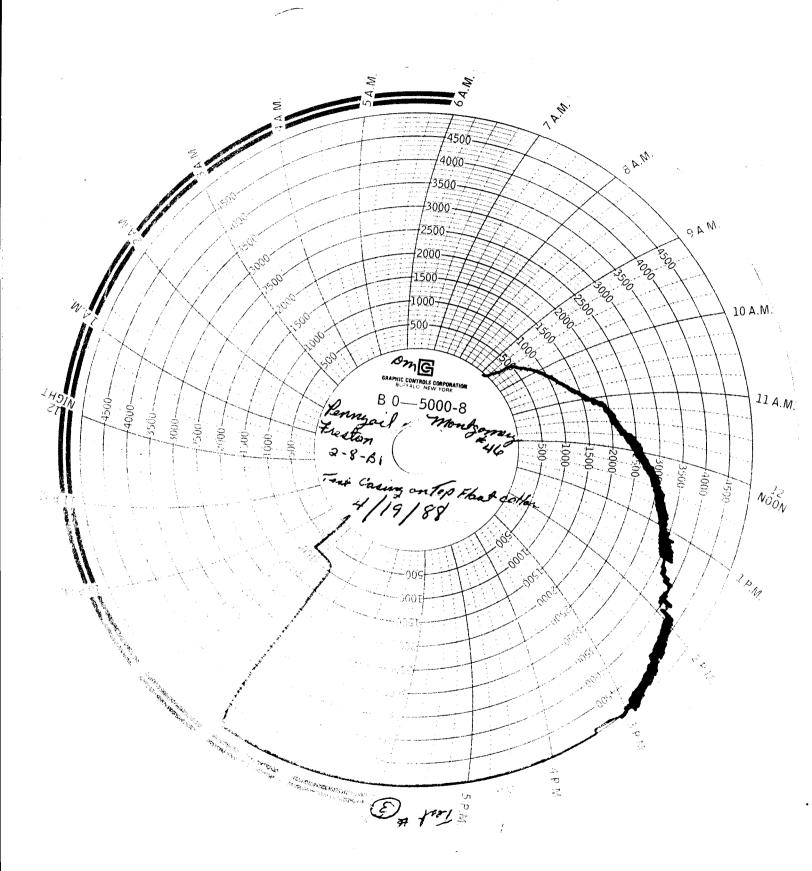
DIVISION OF OIL, GAS & MINING

Test performed on (date) 4/18/18
Oil Company Pennyail Co.
Well Name & Number Freston 2-8-81
Section &
Township 2-5
Range / - W
County Undering
Drilling Contractor Montgoney All Co 444
Oil Company Site Representative Muse Rouge
Rig Tool Pusher Rich Pollard
Tested out of Cernal
Notified Frior to Test State
Copies of this test report sent to: Kennyal
Montgerney Only
Stabe
Original chart & test report on file at: Manble for office
Comos

Tested by: Double Jack Testing & Services, Inc 608 North Vernal Avenue

Vernal, Utah 84078





0 A.W. 20 A.M. 11 A.M. 12 NOON 5000-8 1 P.M. WV 8.81 Seat that Casing /88 12000. 2 p.M. 12500. 5 P.M

#### BEST COPY AVAILABLE

### DOUBLE JACK TESTING & SERVICES, INC.



B.O.P. TEST REPORT

DIVISION OF OIL, GAS & MINING

B.O.P. Test performed on (date) 4/88
Oil Company Fennyait Co.
Well Name & Number <u>freston</u> 2-8 B/
Section_ 8
Township 2-5
Range 1 - W
County Dichesne
Drilling Contractor Montgomen Asla Co. 116
Oil Company Site Representative Faul Meaton
Rig Tool Pusher Kickard Falland
Tested out of Chiral Shop
Notified Prior to Test State Rep. (Caral)
Copies of this test report sent to: Youngail Co
Montgomey Wile Co
VState
Original chart & test report on file at: ( Constant Constant )
knich fact Testing

Tested by: Double Jack Testing & Services, Inc 608 North Vernal Avenue Vernal, Utah 84078



DIVISION OF OIL, GAS & MINING

Montgomery Drilling

Freston 2-8-B1 Section 8

Township 2S

Range 1-N /W

Duchesne Utah

3-4-88

Tested by Ron Cook

43 3/3 3/3ES 31803

#### QUICK TEST OFFICE (801) 789-8159

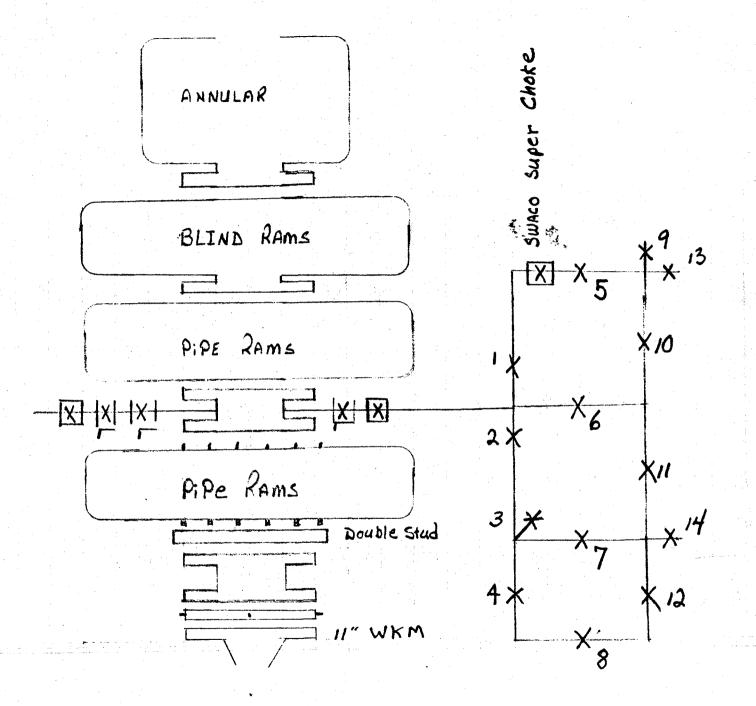
#### Montgomery Drilling Freston 2-8 B1 2-4-88

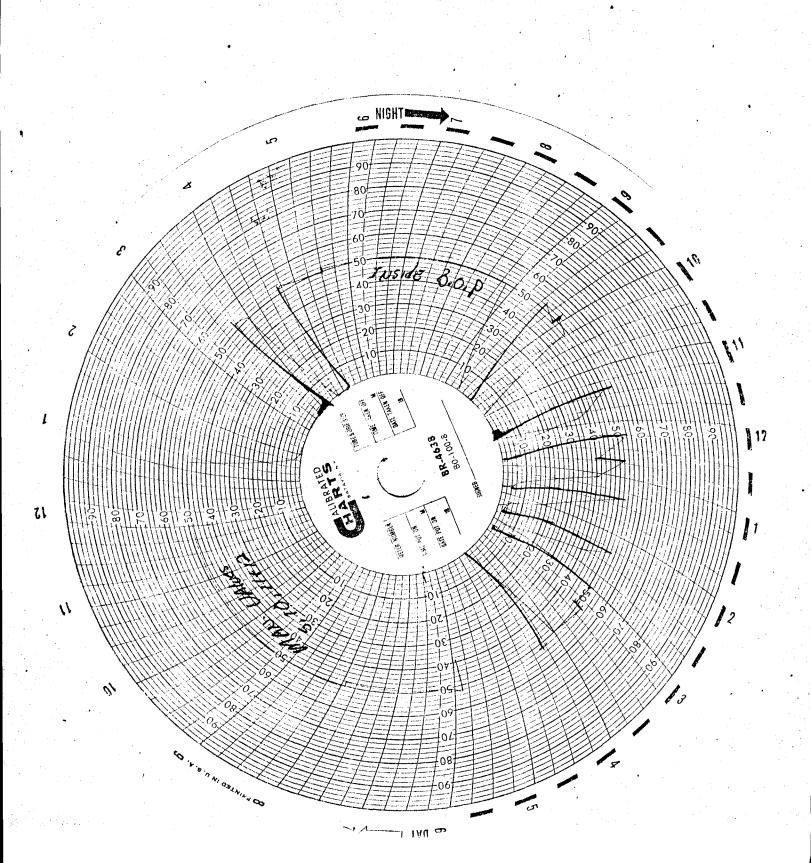
TEST	#	ITEM TESTED	PRESSURE	MIN. HELD	RESULTS
	1.	Inside BOP	5000	15	No visable leaks
	2	Choke line with HCR valve closed. Choke manifold wit valves 9, 13, &14 closed	th 5000	_	Leak, flandge on choke line tighten.
	3	Same test	5000	_	No visable leaks.
	4	Same test, testing valves 5,10,11,&12	5000	-	Leaks outside flandge choke line.(tighten.)
	5	Bottom pipe rams NO VALVES	5000	<del>-</del> .	Leak out dogs on lock down flandge. Tighten.
	6	Same test			Leak through rams.
	7	Upper pipe rams	5000	-	Leak bottom flandge on upper pipe rams. Tighten.
	8	Same test	5000	-	Leak upper flandge on lower pipe rams. Tighten.
	9	Same test			Same leak, tighten flandge.
	10	Upper pipe rams, kill line with inside valve closed, choke line with HCR valve closed	5000	-	Slight leak.
	11	Choke line with HCR valve closed, choke manifoldwith valves 5,6,7,&8 closed.	5000	15	No visable leaks.

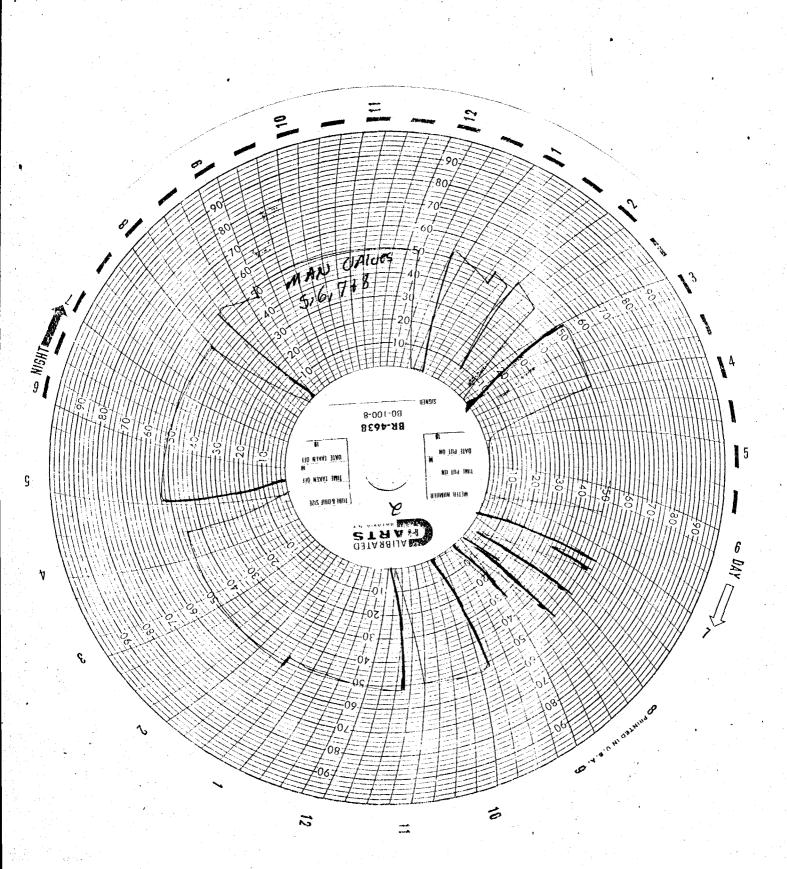
#### QUICK TEST OFFICE (801) 789-8159

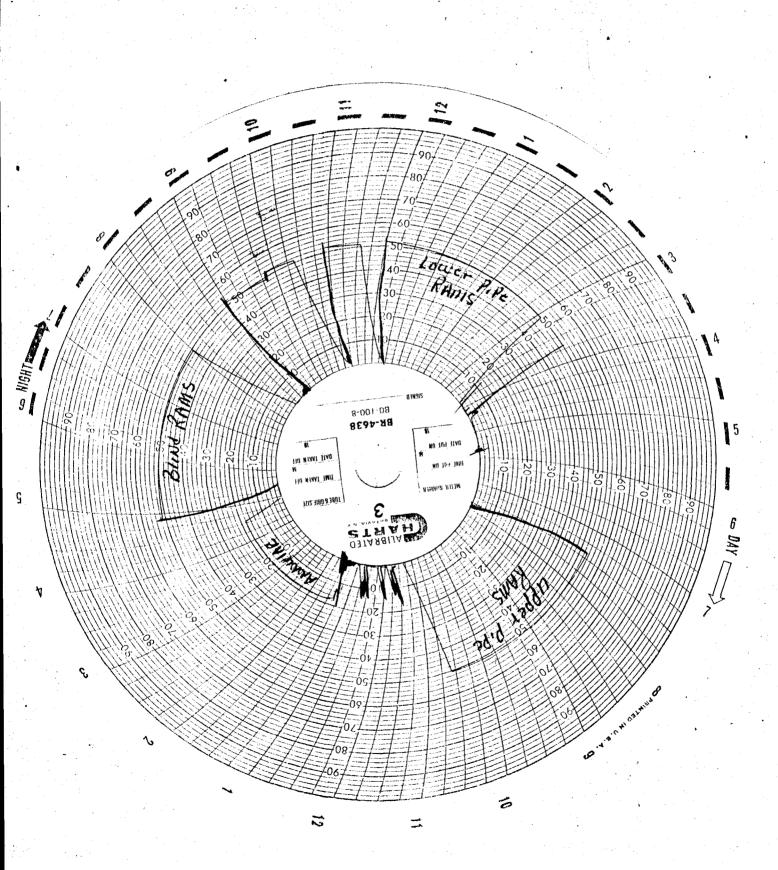
### Montgomery (con't)

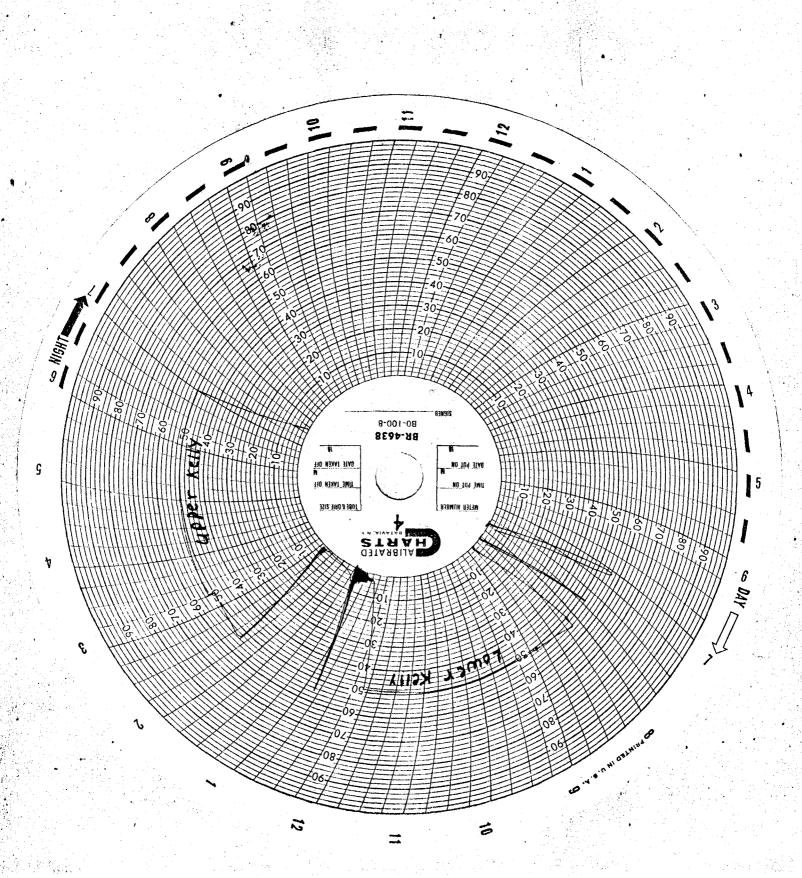
TEST	#	ITEM TESTED	PRESSURE	MIN. HELD	RESULTS
	12	Same test		<b>-</b> :	Leaks.
	13	Upper pipe rams, kill line with inside valve closed, choke line with HCR valve closed.	5000		Leak. Bottom flandge bottom pipe
					rams. Tighten.
	14	Same test	5000	15	No visable leaks.
	15	Lower pipe rams NO VALVES	<b>-</b>	<b>-</b>	No pressure
	16	Hydril, kill line with valve closed, choke line			
		with manual valve closed.	<del>-</del>	. <del>-</del>	No pressure, work Hydril.
	17	Same test	1500	15	No visable leaks.
	18	Lower pipe rams, NO VALVES	5000	15	No visable leaks.
	19	Blind rams, kill line again check valve. choke line and choke manifold with valves	st		
		1,2,3,&4 closed.	5000	15	No visable leaks.
	20	Safty valve	1		No pressure
	21	Lower kelly cock	5000	<u> </u>	Blow Oring on kelly tester.
	22	Same test	<u>.</u>		Same leak.
	23	Same test	5000	15	No visable leaks.
	24	Upper kelly cock	5000	15	No visable leaks.











# DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

SUBMIT IN	DUP	TE*
(See othe	r instru erse side	ns

										Fee I		
WELL CO	MPLE	TION C	OR RECOM	MPLETI	ON	REPORT	AND	LOG	* 6.	IF INDIA!	, ALLOT	TEE OR TRIBE NAM!
is. TYPE OF WEL		OII. Well	METT C	DI	17	Other			7.	UNIT AGE	EEMENT	NAME
b TYPE OF COM	wonk (	DEEP-	PLEG	DIFF								
WELL LX	OVER U	EN	PLEG BACK	LESV	'R. 🔟	Other				rarm of restor		ARE
Pennzoil E		ation a	nd Produc	tion C	ompan	ıy ·			· • • • • • • • • • • • • • • • • • • •	WELL NO.		
3. ADDRESS OF OPER	•		<del></del>	525	57000	7 CED (2) CE	(mg (mg ) )			-8B1		
P. 0.Box 2	967,	Houston	TX 772	52 <b>[])</b>	) 5 (			Mi	10.	FIELD A	ID POOL,	OR WILDCAT
4. LOCATION OF WEL	L (Repo	rt location	clearly and in a	ccordance	with an	y State requi	rements)		1 -	luebel		
At surface 141	2' FN.	L & 238	U FEL			IN 1 3 19	~ · · · · · · · · · · · · · · · · · · ·	U	11.	SEC., T., OR AREA		E BLOCK AND SURVEY
At top prod. into	erval rep	orted below	•		O,	+ 0 10			l s	ec 8,	T25	RIU
At total depth					D	il violuiv (ii				,	120,	472.11
				14. PER	M H HO	GAS & MIN	DATE IS	SUED		COUNTY		13. STATE
				43-01					Du	chesne	j	Utah
15. DATE SPUDDED 2/16/88	1 .	0/88	HED 17. DATE 7/	2/88	Ready t	o prod.) 18	5231	GR	REB, ST, GR	, ETC.) *	19. £1	EV. CARINGHEAD
20. TOTAL DEPTH, MD	A TVD		ACK T.D., MD &	TVD   22.	IF MUL	TIPLE COMPL	. 1	23. INTER	PD 97	TARY TOO	LS	CABLE TOOLS
12,930		12,91					ļ	<del>)</del>	<b>-</b>	ID		
24. PRODUCING INTER	VAL(S).	OF THIS CO	MPLETION-TOP	BOTTOM.	NAME ()	AD AND TAD)	•				25.	WAS DIRECTIONAL SURVEY MADE
11,232-11,7						<i></i> ,		-	سبع		no	)
26. TIPE ELECTRIC A	ND OTHE	R LOGS RUN	DLL-Miere	, Com.	long to	os acousti	cheloe	Sa Igi	ctraffens	y dual	27. WA	WELL CORBO
GR, DIL, War	vefor	n, Soni									yes	<u> </u>
28.	WEIG	HT, LB./FT.	CAST DEPTH SE			ort all string	set in w		NTING RECO			AMOUNT PETTER
10-3/4	45.		3724			3/4"	·	2686				AMOUNT PULLED
7-5/8	29.		11250			778		144			-	
	-					.,,	·				-	
											-	
26		LI	VER RECORD				30	0.	TUBI	NG RECO	ORD	
BIZE	TOP (	(D) BC	TTOM (MD)	SACKS CE	MENT.	SCREEN (M	(0)	SIZE	DEPTH	SET (M	D)	PACKER SET (MD)
5-1/2	11,0	55	12,928	288	sx_		_2	<del>-7/8</del>	_ 11,	163	<u>  1</u>	1,163
31. PERFORATION REC	ORD (Int	erval. saz	ing number)			82.	ACTO	SUOT E	RACTURE,	CEMEN	r contri	FZE ETC
11,232-11/3						DEPTH IN		<del></del>				TERIAL USED
11,376-11,38												
11,394-11,39									none			
11,418-11,56	64 (14	46 <b>',</b> 58	4 holes)									
11,574011,72	20 (14	46 <b>',</b> 584	4 holes)	····					·			
33.° DATE FIRST PRODUCTI	10 N	PRODUCT	ION METHOD (F	losoina aa		OUCTION	and tune	of sums	·	1 997.7	*******	(Producing or
		flor	wing							pro	t-in) ducin	ıg
6/30/88		TESTED	CHOKE SIZE	PROD'N TEST P		OIL-BAL.		AS-MCF.	₩A !	TER—BBL	.   0	AS-OIL BATIO
PLOW. TUBING PRESS.	5 CASING	PRESSURE	CALCULATED	OIL—B	86.	800   GAS	MCF.	w	ATER-BBL.	0 1	OIL GRA	VITY-API (CORR.)
450	0		24-HOUR RATE			1		1		ļ	42 d	
34. DISPOSITION OF G	8 (Sold,	used for fue	i, vented, etc.)						TES	T WITNES		
sold												•
35. LIST OF ATTACES	ENTS									···		
36. I hereby-certify	h	· dance :	-//	damenta de la composição		1-4-7-4		A	4	- N - E3		
SO. I Dereby Certify	100	Joregoing,	ing actached in			-						10
SIGNED SU	MIC	<u>1.W-</u>	ll_c		LE S	upervisi	ng En	gineer	· 	DATE	12-	19-88

WEEK OF JULY 2 - 8, 1988

- 07-01-88:8-1/2 hr SITP 3400 psi. SICP zero. Set back pressure valve in 2-7/8" hanger, removed tree and installed BOP, ran 175 jts (5950') of 2-1/16", 3.25#, N-80, 10 RD tbg as heat string. Landed 2-1/16" tbg on split hanger, removed BOP and installed tree. Tested pack-off to 5000 psi held ok. Retrieved backpressure valve from 2-7/8" hanger SITP still 3400 psi. SWIFN. Daily \$31,515 Cum \$1,975,466
- 07-02-88:13 hr SITP 3400 psi, SICP zero. Circulated heat string with 350 bbls of Wasatch formation water containing 110 gals of Jetco Corrosion Inhibitor. RD pulling unit and left well shut in. Will drop from report pending completion of tank batter. Daily \$915 Cum \$1,976,381

All depths from Welex Dual Induction guard log run 5-10-88. Had water and gas to surface in 10 minutes, oil to surface in 15 minutes. Well made 800 BO, no water in 5 hours on 2" choke with FTP-400 to 500 psi. SWIFN - tanks full. A complete tubing detail follows:

KB Correction	26.60
Split Hanger	.80
1 jt. 2 7/8", 6.5#, N-80, 8rd	30.03
2 7/8" sub	6.18
358 jts 2 7/8", 6.5#,N-80 8rd	
2 7/8" sub	8.00
1 jt. 2 7/8", 6.5#, N-80, 8rd	
5 1/2" Baker retriev-a-matic	
1 jt. 2 7/8", 6.5#, N-80, 8rd	
surge tool and ported sub	1.12
x-over	.42
tubing release mechanism	2.10
x-over	.43
2 7/8" sub w/no-go in collar	9.82
2 7/8" sub	4.16
firing head	1.33
blank gun	7.65
perforating guns	488.00
Total	11727.31

WEEK OF JUNE 25 - JULY 1, 1988

06-25-88:TD 12.930'. Filling reserve pit.

06-26-88:TD 12.930'. Back-filling reserve pit.

- 06-27-88:TD 12,930'. Finished filling reserve pit & set anchors for workover unit. ECTD \$1,822,526.
- 06-28-88:TD 12,930'. Finished filling reserve pit. Final report by drilling. ECTD \$1,822,526.
- 06-29-88:TD 12,930'. MI and RU Temples #2 pulling unit. Bled off trapped oil and gas (SICP - 1400 psi) in 30 minutes. Removed tree. installed BOP and POH with kill string. Installed test plug in tbg head and tested pipe and blind rams to 500 psi held OK. Removed test plug and started picking up 2-7/8", 6.5#, N-80, 8rd tbg. SWIFN. ECTD \$1,880,776.
- 06-30-88:TD 12,930'. 13 hour SICP zero. WIH iwth 2 7/8" tubing to 12,912'. Circulated hole with 10# brine containing JETCO corrosion inhibitor. POOH with 2 7/8" tubing and SWIFN. Prepare to perforate.
- 07-01-88:13 hr. SICP zero. RU Flopetrol and PU 3 3/8" perf guns (4 SPF, 90 degrees phasing), all tubing conveyed perf equipment and 5 1/2" Baker retriev-a-matic packer. WIH on 2 7/8" tubing (ran 2500' of 10# brine as water blanket), spaced out and ran GR-collar correlation log. Set top of packer at 11,163' (WLM) with 22.000# compression to position guns to perf wasatch pay. Landed 2 7/8" tubing on split hanger, removed BOP and installed tree. Tested pack-off to 5000 psi. Held O.K. Dropped 1" bar down tubing to detonate guns and perf the following zones:

11,232 - 11,364 (132', 528 holes) 11,376 - 11,382 (6', 24 holes)

11.394 - 11,398 (4', 16 holes)

11,418 - 11,564 (146', 584 holes) 11,574 - 11,720 (146', 584 holes)

WEEK OF JUNE 18 - 24, 1988

- 06-18-88:12,930' TD. Continue to MORT. ECTD \$1,822,526
- 06-19-88:12,930' TD. Cleaning & preparing location for completion. ECTD \$1,822,526.
- 06-20-88:12,930' TD. Cleaning & preparing location for completion. ECTD \$1,822,526.
- 06-21-88:12,930' TD. Cleaning location: filling in front section of reserve pit. ECTD \$1,822,526
- 06-22-88:TD 12,930', back filling shallow reserve pit with dirt. ECTD \$1,822,526.
- 06-23-88:TD 12,930'. Working w/mud in reserve pit & back filling same. ECTD \$1,822,526.
- 06-24-88:TD 12,930'. Filling reserve pit. ECTD \$1,822,526.

WEEK OF JUNE 11 - 17, 1988

06-11-88:TD 12,930' (12,917' PBTD on cmt in shoe jt.). No activity

06-12-88/0-6-13-88: No activity

06-14-88:TD 12,930' (12,917' PBTD on cement in shoe joint). No activity. ECTD \$1,791,616.00.

06-15-88:12,930' TD. Start RDRT & MORT. ECTD \$1,822,526

06-16-88:Continue RD & MORT.

06-17-88:12,930' TD. Continue to MORT. ECTD \$1,822,526

WEEK OF JUNE 4 - 10, 1988

06-04 Thru 06-88:No activity

06-07-88:No activity

06-08-88:No activity

06-09-88:No activity.

06-10-88:No activity.

WEEK OF MAY 28 - JUNE 3, 1988

05-28 thru 31-88:12,930' TD, (12,917' PBTD on cmt in shoe jt.). No activity @ wellsite, rig on location - waiting on evaluation of drilling bids for Reynolds 2-7B1E. ECTD \$1,791,616

06-01-88:No activity. ECTD \$1,791,616

06-02-88:No activity

06-03-88:No activity.

WEEK OF MAY 21 - MAY 27, 1988

- 05-21-88 thru 05-23-88:12,930' TD (12,917' PBTD). No activity @ wellsite, (rig on location waiting on evaluation of drilling bids for Reynolds 2-7B1E). ECTD \$1,785,795
- 05-24-88:12,930' TD (12,917' PBTD on cement in shoe jt.). No activity @ wellsite, rig on location waiting on evaluation of drilling bids for Reynolds 2-7B1E. ECTD \$1,785,795
- 05-25-88:TD 12,930' (12,917' PBTD on cmt in shoe jt.). No activity @ wellsite, rig on location-waiting on evaluation of drilling bids for Reynolds No. 2-7B1E. ECTD \$1,785,795
- 05-26-88:12,930' TD, (12,917' PBTD on cmt in shoe jt.). No activity @ wellsite, rig on location waiting on evaluation of drilling bids for Reynolds 2-7B1E. ECTD \$1,785,795
- 05-27-88:12,930' TD, (12,917' PBTD on cmt in shoe jt.). No activity @ wellsite, rig on location waiting on evaluation of drilling bids for Reynolds 2-7B1E.

WEEK OF MAY 14 - MAY 20, 1988

- 05-14-88:12,93' TD, on btm w/5-1/2" & circ. btms up, (TIH circ mud around drop rabbit & POH RU & run 5-1/2" liner & TIH PU circ head & start circ). MW 13.9#, Vis 41, WL 7.0. Day 89. See sheets one & two for production liner. ECTD \$1,669,333
- 05-15-88:12,930' TD, drilling cement @ 10,800' in 7-5/8" csg, (finish circ btms up cmt liner w/Dowell POH, TIH w/6-3/4" bit & tag up on cmt @ 10,315' drill cmt stringers & cmt to 10,800'). MW 13.9#, Vis 40, WL 8.0. Day 90. ECTD \$1,723,692
- 05-16-88:12,930' TD & 12,917' PBTD, on POH to run CBL, (drill cmt to liner top circ out POH PU 4-3/4" mill & 5-1/2" csg. scraper & TIH clean out liner to 12,917' for new PBTD circ & start POH).

  MW 13.8#, Vis 42, WL 9.0. Day 91. ECTD \$1,730,753
- 05-17-88:12,930' TD, (12,917' PBTD on cmt in shoe jnt). On liner top flow back test w/261 psi diff\*, (finish POH, ran CBL, TIH & pressure test liner top w/2000 psi w/13.8# mud in wellbore, displace mud in DP to 9500' w/fresh water, started flow back test on liner top). MW 13.8#, Vis 43, WL 9.2. Day 92. ECTD \$1,741,092
  - \* flowing back 6.7 gal per hr. @ end of 4 hrs too tight for a squeeze.
- 05-18-88:12,930' TD (12,917' PBTD), laying dn drill string (finish back-flow test of liner top POH TIH to PBTD & displace 13.8# mud w/10# brine water start laying dn 3-1/2" drill string). MW 10.0#, brine water. Day 93. ECTD \$1,753,720
- 05-19-88:12,930' TD (12,917' PBTD), will rig dn & haul off part of the rental equipment this date. RDRT will be delayed a few days waiting on Reynolds 2-7B1 drilling bid evaluation (finished laying dn 3-1/2" drill string ND BOP stack install 11" 5000 psi X 7-1/16" 5000 psi tbg. spool & tested same to 3500 psi PU 49 jnts (1493.39') 6.5# EUE tbg. for kill string NOTE: well was flowing 10 to 12 gal per hr. during this time w/some light green oil coming to the surface, this is a slight liner top leak. Install X-mas tree and close all wellhead valves clean mud pit & etc. RELEASE RIG at midnight (2400 hrs) on 5-18-88). MW 10.0#/untreated brine water in wellbore. ECTD \$1,785,795
- 05-20-88:12,930' TD, (12,917' PBTD). Finished w/rig work & moving out rental tools until RDRT start. ECTD \$1,785,795

#### PRODUCTION OR INTERMEDIATE CASING REPORT

For: Freston No. 2-8b1

Ran 48 jts, ( 1873.33 ft.), 5-1/2" o.o., 20 wt. P-110 - S-95Gr / FL45 Conn. Set & cemented at 12928 ft., KB.
Csg. string wt. in <u>13.9</u> #/gas mud <u>29,600</u> # & in air <u>37,500</u> #
Centralizers @,,,,,,,
Cement Top Calculated to be @ $300$ , in the intermediate casing.
Total Cement for Liner job <u>453</u> Cu. Ft.
Cement around liner in open hole $357$ Cu. Ft.W/ $10$ % excess Cement around liner in over lap $19$ Cu. Ft. Cement above liner top in casing $77$ Cu. Ft.
Cement:
Pre-flush: 20 bbls of <u>Spacer 3000 @ 1.45</u> .
Cement:
Scavenger Tail-in: 288 sks Class G., 35% 0.66, 18 % D-44, .7 % D-604A,
Bumped Plug (X) yes ( ) no $w/2500$ Psi & 122.5 bbls mud
Calculated displacement $\underline{123}$ bbls. With Good (X) or Bad ( ) Circulation.
Float leaked ( ) yes (X) no.
Job completed at <u>9:20</u> AM on <u>5-14-88</u>

#### PRODUCTION OR INTERMEDIATE CASING DETAILS

#### FRESTON 2-8B1

#### From Bottom to Top

Well Depth 12,935'

					Liner Set	2' off btm.
					SECT	TION
Jts.	O.D.	Wt.	Gr.	Conn.	Length	Top @
	5-1/2	20	P-110	Guide-Shoe	2.27	12925.80
	5-1/2	20	P-110	Float Collar	1.75	12934.05
	5-1/2	20	D 110	Landing Colla		12923.05 11676.51
32	5-1/2	20	P-110	FL45	1246.54 604.52	11070.51
16	5-1/2	20	S-95 X.O	FL45	.85	11071.14
	5-1/2	20	Liner	Hanger 8-RD	9.26	11061.88
			Tie B	ack Sleeve	7.21	11054.67
Casi	na		Torque	e Range		
Connec			Minimum	Maximum		
5-1/	<u>′2</u>		4,000	5,000		
Tie Ba	ick Sleeve Le	ngth <u>7.21</u> ft	·•			
Before	e setting lin	er hanger: Torque t	o rotate d	rill string &	liner <u>80</u> 0	)Ft. Lbs.
WITH 1	iner hanger	set:				

Rotate Liner with Torque ranging from 800 to 3,000 Ft. Lbs.

Torque to start rotating liner \_\_900\_Ft. Lbs.

WEEK OF MAY 7 - MAY 13, 1988

- 05-07-88:12,742', drilling @ 4.85 ft/hr. w/1100 gas units, made 114' in 23.5 hrs. MW 13.7#/13.7#, Vis 43, WL 7.2. Day 82. ECTD \$1.588.717
- 05-08-88:12,848', drilling @ 4.5 ft/hr. w/1500 gas units, made 106' in 23.5 hrs. MW 13.7#/13.7#, Vis 43, WL 7.0. Day 83. ECTD \$1,595,907
- 05-09-88:12,886', on RTCB, made 38' in 12.5 hrs. w/1600 gas unit, (dulled bit #29 an F-2 which graded T-8, B-8 & G-0.0. At trip time was in 60% shale, 10% limestone & 30% sandstone, TIH w/a smith PDC bit, it made 15' & quit now on POH). MW 13.7#/13.6#, Vis 43, WL 7.0, 1-3/4° @ 12,831. Day 84. ECTD \$1,595,517
- 05-10-88:12,916', drilling with a diamond bit @ 3.75 ft/hr. w/1280 gas units, made 30' in 8 hrs. MW 13.8#/13.6#, Vis 42, WL 6.8. Day 85. ECTD \$1,602,347
- 05-11-88:12,930', logging w/Welex on DIL log run Made 14' in 4.5 hrs. @ 3.1 ft/hr (@ 12,930' junk fell onto bit or stabilizer & stopped rotation of drill string worked up hole to 11,731' before drill string came free then pushed junk to btm). MW 13.8#/13.6#, Vis 43. WL 6.8. Day 86. ECTD \$1,609,346
- 05-12-88:12,930', logging w/Welex Running wave form, (finished w/1st log run TIH Wash to btm & circ junk into book basket. Circ btms up POH Run sonic log now on wave form log). MW 13.8#/13.7#, Vis 43, WL 6.8. Day 87. ECTD \$1,616,200
- 05-13-88:12,930', RD Welex, (finished w/wave form log TIH w/dip-meter could not get below 11,710' log up to 7-5/8" csg TIH w/bit & set down @ 11,710' pushed obstruction to btm wash & ream 8' of fill to btm No metal on btm POH Ran dip-meter to 12,930' & finish logging start RD Welex). MW 13.9#/13.8#, Vis 42, WL 6.8. Day 88. ECTD \$1,623,078

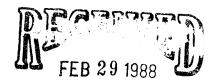
WEEK OF APRIL 30 - MAY 6, 1988

- 04-30-88:12,388', drilling @ 3.56 ft/hr w/5120 gas units Made 84' in 23.5 hrs. MW 13.5#/13.3#, Vis 46, WL 8.0. Day 75. ECTD \$1,513,345
- 05-01-88:12,466', on RTCB, made 78' in 20 hrs. (3.9 ft/hr). MW 13.6#/13.3#, Vis 45, WL 7.0. Day 76. ECTD \$1,524,274
- 05-02-88:12,467', on POH w/mill, (made 1 ft milling on cones pulled bit #25, Hughes J-22 & 95% of 3 cones in hole TIH w/mill & junk baskets milled on junk & made 1 ft of hole started POH). MW 13.7#/13.5#, Vis 43, WL 7.2. Day 77. ECTD \$1,531,259
- 05-03-88:12,467', on TIH w/Globe basket, (finish POH w/mill Ch BHA TIH w/Globe basket circ btms plug Globe basket POH w/Globe basket & clean it out on TIH w/Globe basket). MW 13.8#, Vis 42, WL 7.5. Day 78. ECTD \$1,547,037
- 05-04-88:12,471', on btm drilling w/6500 gas units, made 4' in 3.5 hrs. while working by junk. MW 13.7#/13.3#, Vis 43, WL 7.0. Day 79. ECTD \$1,557,688
- 05-05-88:12,579', drilling @ 4.6 ft/hr. w/5600 gas units, made 108' in 23.5 hrs. MW 13.7#/13.6#, Vis 41, WL 7.0. Day 80. ECTD \$1,568,192
- 05-06-88:12,628', drilling @ 4.0 ft/hr w/7600 gas units Made 49' in 13 hrs. (made RTCB @ 12,625' recovered about 1/2 of the 3 cones lost from bit. Note: on mill run w/boot basket, made no recovery and on Globe basket run cut & recovered 2 2ft. core, w/no pieces of the cones. Bit #29 is on bottom drilling & there has been no indication that any junk has fallen in on the bit). MW 13.8#/13.3#, Vis 42, WL 7.0. Day 81. ECTD \$1,581,885

WEEK OF APRIL 23 - 29, 1988

- 04-23-88:11,749', drilling @ 5.14 ft/hr w/5100 gas units, made 121' in 23.5 hrs. MW 12.8#/12.5#, Vis 44, WL 8.2. Day 68. ECTD \$1,419,121
- 04-24-88:11,869', drilling @ 5.14 ft/hr w/9600 gas units, made 120' in 23.5 hrs. MW 13.0#/12.5#, Vis 42, WL 8. Day 69. ECTD \$1,433,790
- 04-25-88:11,910', drilling @ 6.0 ft/hr w/3800 gas units, made 41' in 7.5 hrs., (made RTCB @ 11,883', the Hughes J-22 ran 110 hrs., made 528' for 4.8 ft/hr, GR T-2, B-7, G 0.0) MW 13.2#/12.6#, Vis 43, WL 9.5. Day 70. ECTD \$1,441,997
- 04-26-88:12,060', drilling @ 6.8 ft/hr w/3900 gas units, made 150' in 22 hrs. MW 13.3#/13.1#, Vis 42, WL 7.8. Day 71. ECTD \$1,457,481
- 04-27-88:12,120', RTCB, made 60' in 13.5 hrs. @ 4.4 ft/hr w/5300 gas units, (the DBS PDC bit made 237' in 39.5 hrs. @ 6.0 ft/hr) MW 13.2#/13.0#, Vis 44, WL 7.0. Day 72. ECTD \$1,469,133
- 04-28-88:12,214', drilling @ 4.4 ft/hr. w/10,250 gas units, made 94' in 21 hrs. MW 13.4#/12.9#, Vis 46, WL 7.2. Day 73. ECTD \$1,482,016
- 04-29-88:12,304', drilling @ 3.8 ft/hr w/16,200 gas units, made 90' in 23.5 hrs. MW 13.5#/13.2#, Vis 46, WL 7.4. Day 74. ECTD \$1,493,710

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING 4241 State Office Building Salt Lake City, UT 84114



DIVISION OF OIL, GAS & MINING 030737

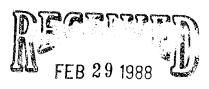
### \*REPORT OF WATER ENCOUNTERED DURING DRILLING\*

Well Name & Number Freston	No. 2-8B1 43-0	13-3/055- Ta	
Operator Pennzoil Company	Address N	.0. Box 290 eola, Utah 84053	
Contractor Montgomery Drill	ing Co. P	.O. Box 1488 osevelt, UT 84066	
Location SW 1/4 NE 1/4		•	<b>y</b> Duchesne
Water Sands			
Depth	Volume	Quality	
From To	Flow Rate or Head	Fresh or Sa	alty
1. 1885' 1906'	3 bbl/min *	Salty	On 2-17-88.
2. At 3154' on connection	well flowed 3/4" stream	of 11.7# mud, abo	out 2:00AM,2-26-88.
3x At 11:00AM on 2-26-88 Started raising mud to	gaining 10 bbl/hour with 12.5# and adding LCM ma	12. 3# circulatir terial.	ng <u>out at 1</u> 2.2#.
5			
(Continue * On flow check at 1900" when the shut well in and circulate the state of the short of	on reverse side if necentile making connection, we ted 10.7# mud around.	<b>ssary)</b> vith F. water as c	drilling fluid.
Remarks No water samples hav	ve been collected.		
NOTE: (a) Report on this and Regulations	form as provided for in l and Rules of Practice a	Rule C-20, Genera nd Procedure.	l Rules
(b) If a water analy	vsis has been made of the	e above reported	zone,

please forward a copy along with this form.

## PENNZOIL EXPLORATION AND PRODUCTION COMPANY

P. O. BOX 290 • NEOLA, UTAH 84053 • (801) 353 - 4397



February 26, 1988

Division of Oil, GAS & Mining

State of Utah, Dept of Natural Resources Division of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203

Re: Waterflow Report For Freston No. 2-8B1 SWNE Section 8, T2S, R1W Duchesne County, Utah

Gentlemen:

Enclosed, please find an original of your FORM OGC-8-X "REPORT OF WATER ENCOUNTERED DURING DRILLING".

Should there be any question, please contact the undersigned at (801) 353-4397.

Sincerely,

Pennzoil Company

Wilburn L. Luna

Operations/Drilling Superindent

Enclosure

UT-43

WEEK OF APRIL 16 - 22, 1988

- 04-16-88:11,355', running 7-5/8" csg., (finished w/dip-meter run TIH circ & condition mud POH RU & start running 7-5/8" csg.) MW 13.0#/12.9#, Vis 43, WL 9.0. Day 61. ECTD \$1,053,098
- 04-17-88:11,355', pumping 2nd stage cmt, (finished in hole w/7-5/8" csg. to 11,250' 105' off btm. R/U circ & pump 1st stage cement & bumped plug @ 7:30pm on 4-16-88. Open DV & circ. started on 2nd stage cmt. See intermediate casing report for depth) MW 12.9#, Vis 44, WL 7.0. Day 62. ECTD \$1,326,629
- 04-18-88:11,355', picking-up BHA, (finished w/2nd stage cmt & bumped plug @ 6:30am on 4-17-88. Set 7-5/8" csg. slips w/260,000#, WNC Cut off csg. NU BOP stack & test same to 5000 psi start picking up BHA, bit junk subs & etc.) MW 12.9#, Vis 40, WL 8.0. Day 63. ECTD \$1,336,822
- 04-19-88:11,355', drilling on F.C., (P/U small BHA & 3-1/2" D.P. to D.V. tool test csg. to 5000 psi drill D.V. test D.V. to 5000 psi P/U 3-1/2" D.P. to cmt @ 11,098' drill cmt to F.C. test csg to 5000 psi start drilling F.C.) MW 13.0#, Vis 43, WL 8.0. Day 64. ECTD \$1,350,764
- 04-20-88:11,418', drilling @ 4.2 ft/hr. w/1500 gas units, made 63' in 15 hr., (drilled out & tested csg seat w/2900 psi & 13.0# mud for a 17.9# eq. mud wt. test. Washed to btm @ 11,355' & started drilling) MW 13.0#/12.7#, Vis 44, WL 8.0. Day 65. ECTD \$1,376,406
- 04-21-88:11,523', drilling @ 4.4 ft/hr w/1200 gas units, made 105' in 23.5 hrs. MW 13.0#/12.6#, Vis 44, WL 8.0. Day 66. ECTD \$1,389,156
- 04-22-88:TD 11,628'. Drilling @ 4.7 ft/hr with 6400 GU. Made 105' in 22 hours. MW 12.9#/12.4# Vis 44 8.2 WL Day 67. ECTD \$1,404,409.00

WEEK OF APRIL 9 - APRIL 15, 1988

- 04-09-88:11,292', drilling w/6700 gas units, made 175' in 23.5 hrs., MW 11.9#/11.5#, Vis 43, WL 9.2. Day 54. ECTD \$817,632
- 04-10-88:11,355', circ & condition gas cut mud, made 63' in 8.5 hrs., (drilled to 11,355' & had 8500 gas units going thru gas buster 12.1#/11.5#, raised mud wt. to 12.4#, lost 100% returns regained circ. circ. mud around to remove gas and raise wt. by 0.1# per circ until gas volume is decreased) MW 12.5#/11.9#, Vis 41, WL 8.4. Day 55. ECTD \$831,584
- O4-11-88:11,355', on POH w/logging tools tools would not work on bottom (raised mud wt. to 12.5# made 35 std. short trip circ out w/20 to 25' flare increase mud wt. in two circ to 12.7# BG gas still 12,000 units w/6 to 8' flare going thru gas buster POH RU Welex Got 1st set (DIL) of logging tools to btm @ 11,355' w/l & tools would not work now on POH w/logging tools) MW 12.7#/12.1#, Vis 41, WL 8.0. Day 56. ECTD \$942,175
- 04-12-88:11,355', logging w/Welex, made 0' in 0 hrs., (on 1st run DLL tools would not work well had a small flow TIH & circ btms up raise wt. to 12.9# POH R/U Welex & TIH w/DLL & started logging loggers depth w/2nd DLL tools 11,356') MW 12.9#/12.2#, Vis 43, WL 9.0. Day 57. ECTD \$953,405
- 04-13-88:11,355', on bottom circ & cond. mud, (finished running DLL log & ran the FDC CNL log from 11,356' w/l to 4500' took 11 hrs. to work thru paraffin circ it out & get to btm w/bit started circulating out from 11,355') MW 13.0#/12.2#, Vis 43, WL 9.2. Day 58. ECTD \$965,173
- 04-14-88:11,355', on TIH to circ for dip-meter log run, (finished conditioning mud POH Ran sonic & wave form logs & start TIH to circ.) MW 13.0#/12.4#, Vis 40, WL 10.4. Day 59. ECTD \$972,649
- 04-15-88:11,355', running dip-meter log tagged btm @ 11,349' w/l, (TIH & condition mud POH R/U Welex & start running dip-meter log) MW 13.0#/12.8#, Vis 42, WL 9.6. Day 60. ECTD \$980,933

WEEK OF APRIL 1 - APRIL 8, 1988

- 04-01-88:10,423', RTCH, made 186' in 22 hrs. w/2400 gas units, MW 10.5#/10.2#, Vis 39, WL 9.8. Day 46. ECTD \$732,656
- 04-02-88:10,515', drilling w/3200 gas units, made 92' in 11.5 hrs., MW 10.5#/10.2#, Vis 38, WL 9.6. 10 @ 10,400'. Day 47. ECTD \$741,421
- 04-03-88:10,626', RTCB, made 111' in 15 hrs. w/3200 gas units, MW 10/5#/10.2#, Vis 38, WL 9.6, 1° @ 10,626'. Day 48. ECTD \$746,370
- 04-04-88:10,703', circ & raising mud wt., made 77' in 13.5 hrs. w/11,600 gas units after show @ 10,677' 82', MW 10.9#/10.2#, Vis 41, WL 9.6. Day 49. ECTD \$751,758
- 04-05-88:10,763', drilling with 9500 gas units & 5" flare, made 60' in 8 hrs., MW 11.3#/10.5#, Vis 41, WL 9.8. Day 50. ECTD \$770,270
- 04-06-88:10,893', drilling with 4600 gas units & going thru gas buster, made 130' in 19 hrs., MW 11.5#/10.9#, Vis 45, WL 10. Day 51. ECTD \$781,302
- 04-07-88:11,045', drilling w/7000 gas units going thru gas buster, made 152' in 23.5 hrs., MW 11.8#/11.7#, Vis 45, WL 8.0. Day 52. ECTD \$793,027
- 04-08-88:11,117', drilling w/7400 gas units going thru gas buster, made 72' in 11 hrs., MW 12.0#/11.6#, Vis 41, WL 9.0. Day 53. ECTD \$800,652

WEEK OF MARCH 26 - MARCH 31, 1988

- 03-26-88:9,802', PU core bbl, drilled to 9802' with 2500 gas units (circ out samples POH Ch. BHA start picking up core bbl.), MW 10.3#, Vis'39, WL 8.0, 1/40 @ 9770'. Day 40. Correction in days from spud. ECTD \$655,935
- 03-27-88:9,838', cutting core no.2 with 3040 gas units, cored 36' in 15 hours (PU core bbl TIH w/SLM, made no correction), MW 10.3#/9.6#, Vis 39, WL 8.0. Day 41. ECTD \$664,159
- 03-28-88:9,861', PU control head to run DST #2, cored 23' in 8 hours with 3200 gas units (POH lay down core #2, PU test tools & TIH, start picking up test head for DST #2), MW 10.4#, Vis 37, WL 8.0. Day 42. ECTD \$690,569
- O3-29-88:9,885', drilling w/3200 gas units, made 24' in 1-1/2 hrs. (started DST #2 pkrs failed when tools opened for final flow POH & lay dn test tools TIH & hit bridge @ 9538' Ream out bridge & TIH ream 8-3/4" core hole to 9-7/8" resumed drilling @ 4:30am), MW 10.4#/10.2#, Vis 38, WL 8.6. Day 43. ECTD \$700,085
- 03-30-88:10,092', drilling w/3000 gas units, made 207' in 23 hrs., MW 10.4#/10.0#, Vis 41, WL 9.3. Day 44. ECTD \$713,821
- 03-31-88:10,237', RTCB, made 145' in 14.5 hrs. w/3200 gas units, MW 10.4#/10.2#, Vis 38, WL 8.5. 1-1/4° @ 10,220'. Day 45. ECTD \$720,212

WEEK OF MARCH 19 - MARCH 25, 1988

- 03-19-88:9,076', on POH for core bbl., made 32' in 4.5 hrs. w/1600 gas units, MW 9.9#/9.6#, Vis 38, WL 9.6. Day 32. ECTD \$580,061
- 03-20-88:9,114', cutting core No.1 w/orientation, made 38' in 17.25 hrs. w/4800 gas units, MW 9.9#/9.7#, Vis 39, WL 8.8. Day 33. ECTD \$587,915
- 03-21-88:9,136', making up test head for DST No.1, will set pkr @ 9071', made 22' in 8.5 hrs. w/3200 gas units (finished cutting core No.1. POH w/full recovery cut 60' & recovered 60' 100%, lay down core, PU test tools & TIH, start picking up test head), MW 10.1#/10.0#, Vis 39, WL 9.0. Day 34. ECTD \$595,171
- 03-22-88:9,136', @ 9100' reaming core hole w/2200 gas units, made 0' in 0 hrs. (ran DST #1 PU bit & TIH started reaming 8-3/4" core hole to 9-7/8") MW 10.1#/9.9#, Vis 42, WL 9.0. Day 35. ECTD \$605,250
- 03-23-88:9290', drilling w/1120 gas units, made 154' in 20 hrs., (finished reaming core hole & started drilling). Note: Sample Chamber Recovery for DST #1, oil: 1200 cc 39 gravity @  $110^{OF}$  and Gas: 2.4 ft<sup>3</sup>. MW 10.1#/9.9#, Vis 40, WL 9.6. Day 36. ECTD \$619,458
- 03-24-88:9,400', drilling w/600 gas units, made 110' in 15-1/2 hours, MW 10.1#/9.8#, Vis 42, WL 9.4, 1 $^{\rm O}$  0 9,356'. Day 37. ECTD \$630,544
- 03-25-88:9,666', drilling with 2500 gas units. Made 266' in 23.5 hours, MW 10.3#/9.8#, Vis 45, WL 8.7. Day 38. ECTD \$643,088

WEEK OF MARCH 12 - MARCH 18, 1988

- 03-12-88:7636', drilling with 300 gas units, made 374' in 18.5 hrs., @ 7553' shut-well w/200 psi on DP circ 9.1# mud around, MW 9.1#, Vis 34, WL 11.8, 1-3/40 @ 7245'. Day 25. ECTD \$502,034
- 03-13-88:7902', on RTCB, made 268' in 22.5 hrs. w/320 gas units. MW 8.9#, Vis 33, WL 14.6, 1-3/4° @ 7700'. Day 26. ECTD \$515,693
- 03-14-88:8183', drilling w/150 gas units, made 281' in 19 hrs., MW 9.3#, Vis 34, WL 13.2, 2-14/° @ 7902'. Day 27. ECTD \$525,215
- 03-15-88:8366', RTCH, made 183' in 16.5 hrs. and had 4,000 gas units when started POH. MW 9.9#/9.5#, Vis 38, WL 12.6, 1-1/4° @ 8336'.
  Day 28. ECTD \$534,937
- 03-16-88:8,606', drilling w/1600 gas units, made 240' in 21.5 hrs. MW 9.9#/9.7#, Vis 39, WL 11.2, day 29. ECTD \$548,116
- 03-17-88:8845', drilling with 1200 gas units, made 239' in 23.5 hrs. MW 9.8#/9.7#, Vis 36, WL 10.6. Day 30. ECTD \$560,840
- 03-18-88:9,044', drilling w/1282 gas units, made 199' in 23.5 hrs. MW 9.8#/9.7#, Vis 37, WL 9.4. Day 31. ECTD \$570,236

WEEK OF MARCH 5 - MARCH 11, 1988

- 03-05-88:3726', testing 10-3/4" & float collar w/2700 psi, (N/U BOP stack & test same. P/U drill string TIH to float collar test csg w/2700 psi drill float collar & retest csg w/2700 psi) F. water. Day 19. ECTD \$459,255.
- 03-06-88:4519', drilling w/f. water, made 783' in 22 hrs., (drilled guide shoe & 10' of new hole took leak-off test. W/8.4# f. water in wellbore when pressure reached 2450 psi it broke back to 1900 psi in 4 minutes resumed drilling) F. water, 10 @ 4240'. Day 20. ECTD \$462,397
- 03-07-88:5318', drilling, made 799' in 23 hrs., F. water, 1/2<sup>0</sup> @ 4924'. Day 21. ECTD \$464,298
- 03-08-88:5618', drilling, made 300' in 13.5 hrs., F. water, 1° @ 5,294' & 1-1/4° @ 5,393'. Day 22. ECTD \$466,419.
- 03-09-88:6,326', drilling w/800 gas units, made 708' in 22.5 hrs., f. water, 20 @ 5,882'. Day 23. ECTD \$473,692.
- 03-10-88:6,757', drilling, made 431' in 17 hrs., f. water, 1-3/50 @ 6,350' & 10 @ 6,708'. Day 24. ECTD \$475,752.
- 03-11-88:7,260', drilling w/480 gas units, made 503' in 23.5 hrs., f. water. Day 25. ECTD \$489,336.

- 02-29-88:3490', drilling with 12.5# mud, made 73' in 15-1/2 hours and made RTCB @ 3714' with no problems, 12.5#/12.5#, 43 vis, 11.0 WL, 1/2 @ 3421', day 14. ECTD \$307,334.
- 03-01-88:3620', drilling with 12.6# mud, made 130' in 23.5 hours, 12.6#/12.6#, 43 vis, 10 WL, day 15. ECTD \$319,822.
- 03-02-88:3726', drilling, made 106' in 23.5 hours, 12.5#/12.5#, 43 vis, 9.6 WL, day 16. ECTD \$336,253.
- 03-03-88:3726', displacing cement w/fresh water, made no hole made wiper trip 84 jts. 10-3/4" csg., set & cement same @ 3724' 2 feet off bottom. Fresh water for mud, 3/4° @ 3726', day 17. ECTD \$410,365.
- 03-04-88:3726', N/U BOP stack, (displaced cement w/fresh water WOC 8 hrs cut off 10-3/4" install csg head & test same, ok start BOP nipple up) F. Water, Day 18. See casing report for casing & cement details. ECTD \$453,709.

## Division of Oil, Gas and Mining PHONE CONVERSATION DOCUMENTATION FORM

F)	Well File
1.	Date of Phone Call: 1-13-89 Time: 3:00
2.	DOGM Employee (name) (Initiated Call's) Talked to:
	Name Ralph Williams (Initiated Call []) - Phone No. (713) 546-819
	of (Company/Organization) Pengol
3.	Topic of Conversation: Joy D. L.R.
4.	Highlights of Conversation: Ralph Said he would lind all the open hole logs can on the well.



Geoscience Services

Terra Tek Core Services

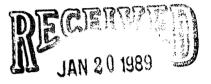
Final Report Routine Permeability and Porosity Analysis

PENNZOIL COMPANY

2-8Bl Freston Well Duchesne County, Utah

TTCS File No. 89184C

43-013-31263 25 IW- 5-8



DIVIONAL CONTROL OIL, GAS & MINIMO

Core No.	<u>Interval</u>	<u>Formation</u>
1	9076.0-9136.0	Green River HI
_	9136.0-9802.0	Drilled Interval
2	9802.0-9861.5	Green River CP-70

Pennzoil Company Page 2

We appreciate this opportunity to be of service.

Best regards,

Kevin R. Francis

Data Evaluator

KRF/ts



Geoscience Services

Terra Tek Core Services

January 16, 1989

Pennzoil Company 700 Milam, 28th Floor Houston, Texas 77002

ATTN:

MR. GARY L. KORNEGAY

SHBJECT:

Routine Permeability and Porosity Analysis; 2-8Bl Freston Well; Duchesne County, Utah;

TTCS File No. 89184C

Dear Gary:

Diamond coring equipment and water base mud were used in the 2-8Bl Freston Well to obtain 4.0-inch diameter cores from the intervals and formations listed on the preceding page. A representative of TerraTek Core Services was at the wellsite to retrieve the cores and prepare them for transport to the TerraTek laboratory in Salt Lake City, Utah for permeability and porosity analysis.

A core gamma log was recorded. A plot of the total gamma ray activity appears on the enclosed Teklog.

Acting upon your instructions, Mr. Greg Lord of TerraTek's Fracture Analysis Group selected full diameter and plug samples for analysis. Full diameter samples had to be sub-cored to 2.5 inches because the core had already been slabbed.

Porosities were determined by measuring bulk volumes and grain volumes. Plug sample bulk volumes were measured in a mercury pycnometer using Archimedes' principle. Full diameter sample bulk volumes were measured in a water bath, also using Archimedes' principle. Both plug and full diameter sample grain volumes were measured in a helium expansion porosimeter using Boyle's law. Horizontal permeabilities to nitrogen gas were measured in a Hassler sleeve using an orifice-equipped pressure transducer to monitor downstream flow.

Data resulting from these measurements are presented graphically on the Teklog. Following the Teklog, the plug and full diameter sample data have been tabulated separately.

The core was slabbed as instructed. Both the slabs and the butts remain in storage at TerraTek. You should be receiving regular invoices for long term storage charges.

#### Distribution of Final Reports

#### PENNZOIL COMPANY

2-8Bl Freston Well Duchesne County, Utah

TTCS File No. 89184C

2 copies sent to:

Pennzoil Company P.O. Box 2967 - 28th Floor Houston, Texas 77252-2967

ATTN: MR. GARY L. KORNEGAY

l copy sent to:

Proven Properties, Inc. 700 Milam, 8th Floor Houston, Texas 77002

ATTN: MR. RICK CARTER

l copy sent to:

G.W. Petroleum, Inc. 1111 Bagby, Suite 1700 Houston, Texas 77002

1 copy sent to:

John Chasel 2285 Lucky John Drive Park City, Utah 84060 l copy sent to:

Dyco Petroleum Corporation 7130 South Louis, Suite 300 Tulsa, Oklahoma 74136

l copy sent to:

Jardine Linmar 601 California St., Suite 2000 San Francisco, CA 94108

l copy sent to:

Utah Geological and Mineral Survey Oil, Gas, and Mining Division 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203

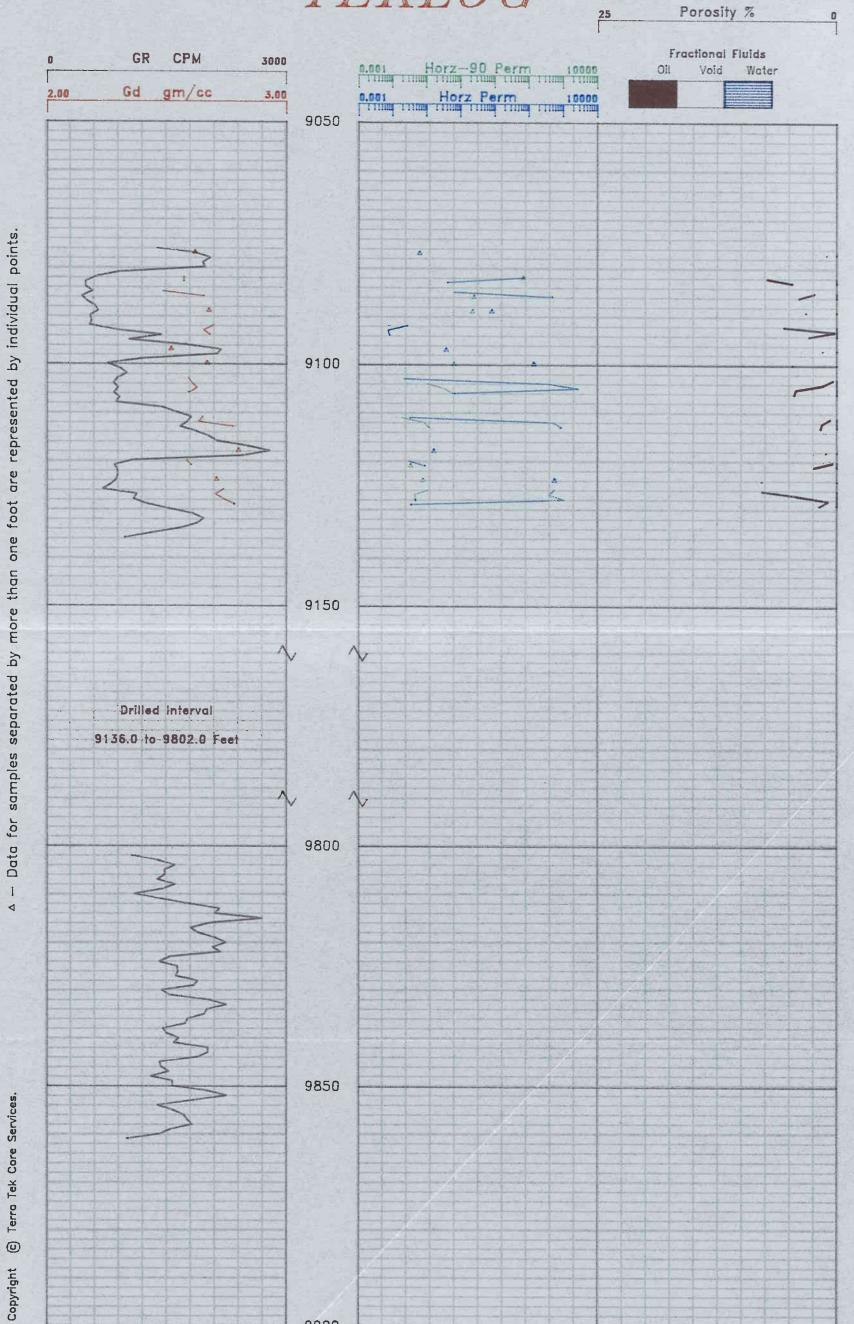
## TERRA TEK CORE SERVICES

360 Wakara Way, SLC Utah 84108 (801) 584-2480

PENNZOIL COMPANY 2-8B1 Freston Well



January 16, 1989 TTCS# 89184C



9900

# TerraTek Core Services, Inc.®

University Research Park - 360 Wakara Way - Salt Lake City, Utah 84108 - (801) 584-2480 - TWX 910-925-5284

#### PENNZOIL EXPLORATION & PRODUCTION

Well:

2-8B1 Freston

Field:

Bluebell

Drilling fluid: WTD/Dispersed

State: County: Utah

Duchesne

Location: Sec.8-T2S-R1W

Date:

31-DEC-1988

TTCS File #: 891840

5258' KB Elevation:

#### FULL DIAMETER PERMEABILITY AND POROSITY

Sample		Depth	Pe Horz	ermeabilit Horz-90	y Vert	Porosity	Grain	[ : 1 b = 1 = a
	nwper ambie	(feet)	(md)	(md)	(md)	7.	Density (gm/cc)	Lithology
	Gree	n River	Formatio	<b>n</b>				
1		9082.5	73.+	68.+		7.3	2.57	Sh,sl/calc,sty
2 3		9086.7 9089.1	485. 7.9	2.4+ 2.2+		4.0	2.65 VF 2.67 VF	Ls,vfxl,shy,sty,ccf Ls,vfxl,shy,sty
4 5		9100.7 9104.8	136. 336.	.61+		4.7 1.5	2.67 VF 2.60 VF	Ls,vfxl,shy,sty Sh,sl/dol,sty
6 7		9105.7 9106.8	2685. .63+	.34 .58+		4.4 4.6	2.63 VF 2.59	Sh,dol,sty Sh,calc,sty
8 9 1		9108.5 9111.3 9112.8	.03 510.	.02		0.8	2.65 2.63 VF	No analysis; sample failed Sh,dol Sh,dol,sl/lig
1	1 2	9113.7 9121.9	859. .09	.12		1.8 2.5	2.77 VF 2.60	Dol,vfxl,shy Sh,dol,sty
1	3 4	9124.5 9126.3	539. 518.	.08		7.9 7.9	2.71 VF 2.74 VF	Dol,vfxl,shy,sty Dol,vfxl,shy
	5	9127.1	360.	.04		4.2	2.70 VF	Dol, vfx1, shy, ccf
1	6	9128.8	1048.	.05		1.0	2.74 VF	Dol,vfxl,shy

<sup>+ -</sup> Dehydration crack affecting permeability VF - Vertical fracture present

# TerraTek Core Services, Inc.®

University Research Park - 360 Wakara Way - Salt Lake City, Utah 84108 - (801) 584-2480 - TWX 910-925-5284

#### PENNZOIL EXPLORATION & PRODUCTION

Well:

2-8B1 Freston

Field:

Bluebell

Drilling fluid: WTD/Dispersed

State: County: Utah

Duchesne

Location: Sec.8-T2S-R1W

Date:

31-DEC-1988

TTCS File #: 891840 Elevation:

5258' KB

#### PLUG PERMEABILITY AND POROSITY

Sample Depth Number (feet)	Permeability Horz Vert (md) (md)	Porosity %	Grain Density (gm/cc)	
Green River I	formation			
1 9077.7 2 9080.0	. 06	1.1	2.62	Sh,sl/calc Sample failed
3 9083.5	.39+	4.7	2.57	Sh, calc, sty, frac
4 9085.3	.64+	2.4	2.48	Sh, calc, frac
5 9092.8	.03	5.6	2.70	Ls, vfxl, sl/shy
6 9093.8	<.01	0.2	2.65	Ls,vfxl,shy
7 9094.8	<.01	3.0	2.68	Ls, vfxl, shy
8 9097.4	.37+	1.5	2.52	Sh
9 9103.5	.02	0.5	2.59	Sh,sl/dol
10 9118.2	.16	1.2	2.80	Dol,vfxl,shy,frac
11 9120.7	.03	0.5	2.58	Sh,frac
12 9129.9	.03	1.8	2.78	Dol,vfxl,shy,frac

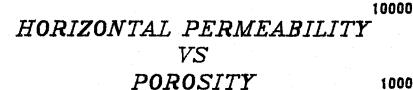
<sup>+ -</sup> Dehydration crack affecting permeability

#### KEY TO LITHOLOGICAL ABBREVIATIONS

Anhy - Gyp - Sd - sdy - Ls - Imy - Dol - Ms - Sltst- slty - Sh - shy - Cht - Bent - chty - chky - arg - Lig -	Dolomite/Dolomitic Mudstone Siltstone silty Shale shaley	Pyr Cgl Cly Tuff Ign calc ool pis Sid fis frac fos sty pel suc stk	carbonaceous Pyrite/pyritic conglomerate/ conglomeratic Clay/clayey Tuff Igneous calcareous Oolitic pisolites/pisolitic Siderite fissures fractures fossiliferous stylolite peloids sucrosic streak(s) brecciated pebbles	incl pp vgs vgy glauc v/ sil/ sil g xl vf f m c vc VF	- laminations - inclusions - pinpoint - vugs - vuggy - glauconitic - very - slightly - siliceous - grain - crystalline - very fine - fine - medium - coarse - very coarse - vertical - fracture
mica -	micaceous	pb I	 pebbles	ccf	-calcite fill fracture

## TerraTek Core Services, Inc.®

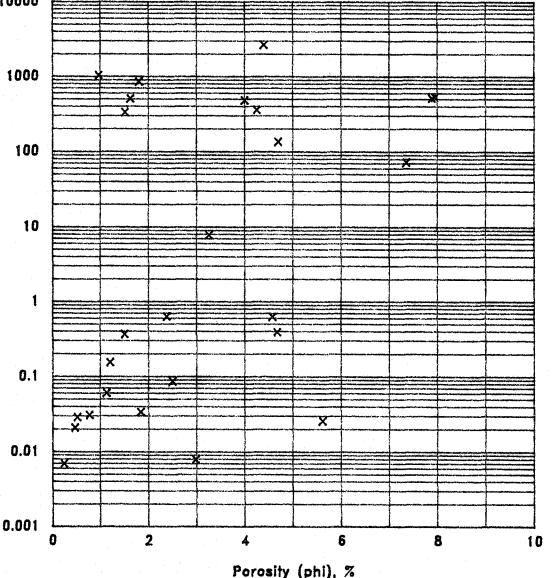
University Research Park - 360 Wakara Way - Salt Lake City, Utah 84108 - (801) 584-2480 - TWX 910-925-5284



PENNZOIL COMPANY

2—8B1 Freston Well Blubell Field Duchesne County, Utah January 16, 1989

Depth Interval: 9077.7 to 9129.9Feet TTCS# 89184C Porosity (phi), Max Average 7.945 3.073 Permeability (Kh), mD Max Min Geo. Ave 0.007 2684.890 3.410 Green River Formation No samples taken from core No. 2.



Permeability (Kh), mD

Form 3160-5 (¿Lovember 1983) (Formerly 9-331)	DEPART	UNITED STAT	INTERIC	SUBMIT IN TRIPLICA (Other instructions) R verse side)	74 -	Budget Bureau ( Expires August 5. LEASE DESIGNATION Fee	31, 1985 AND SBRIAL NO.
SUN (Do not use this	DRY NOTI	ICES AND REF	PORTS O	N WELLS to a different recervoir.		. IF INDIAN, ALL <del>OTT</del> ES	OG TRIBE HAME
1.			IDA	S(C)E)(W)51	M	7. UNIT AGREEMBNT HA	M I
WELL X WELL 2. NAME OF OPERATOR					-	. PARM OR LEADS HAW	2
<del>-</del>	and Produ	ıction Company		OCT 27 1989		Freston	-
3. ADDRESS OF OPERATOR		<u> </u>			7	WALL NO.	
P.O. Box 29	67 H	louston, TX 7	7052	DIVISION OF	_	2-8B1	
4. LOCATION OF WELL (Re See also space 17 belo At surface	port location el w.)	early and in accordance	re with any St	· UIEMBAS & UMNING	,	Bluebel/1/Wasa	
1412' FNL ar	nd 2380' F	EL			7	11. SEC., f., S., M., OR BU SURVEY OR AREA	
						8,T2S, R1W	
14. PERMIT NO.	00	15. ELEVATIONS (Show	whether or, m	r, GR, etc.)		2. COUNTY OR PARISE	
API 43-013-31203-	-00 	5231 (GR)	<del> </del>			Duchesne	Ut
16.	Check App	propriate Box To I	ndicate Nat	ure of Notice, Report, a	or Oth	er Data	
We	TICE OF INTENT	: 07 XOE	1	8031	Reguen	T REPORT OF:	
TEST WATER BRUT-OF	, [] ,	CLL OR ALTER CASING		WATER SHUT-OFF		REPAIRING W	ELL
PRACTURE TREAT	ш и	ULTIPLE COMPLETE		PRACTURE TREATMENT		ALTERING CA	AING
SHOOT OF SCIDIZE	<u>  ~  </u>	BANDON*		SECOTING OR ACIDISING		ABANDONMEN	r•
REPAIR WELL	c	HANCE PLANE				multiple completion e	
(Other)	COMPLETED OPER	ATIONS (Clearly state	all pertipent d	Completion or Reco etails, and give pertinent da a and measured and true ver	tes. In	on Report and Log form	of starting any
				OIL AND GAS  DRN R.  VJRB GL  DTS SL  A. MICROFILM FILE	S UF H		
18. 1 bereby certus has the signed the signed to see for Federal APPROVED BY CONDITIONS OF APP	ROVAL, IF AN	\$10°	TLE Supe	APPROVED OF UTAH OIL, GAS,	DIV	ISION OF	-85
see an ach me	u.	<b>40</b>	etuctions of	DATE: //	4-E	<b>7</b> 2	
		<b>▼\</b> ^ la	PRICTIONS AS	MATTER STATE OF THE STATE OF TH	Action 1 de la decembra decembra de la decembra decembra de la dec	7 3 4 4 A	

Title 16 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

### UTAH DIVISION OF OIL, GAS AND MINING CONDITIONS OF APPROVAL FOR WELL WORKOVER

Pennzoil Exploration and Production Company Freston #2-8B1 Well Section 8, T. 2S, R. 1W Duchesne County, Utah November 9, 1989

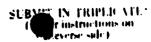
Reference document:

Sundry notice dated October 20, 1989.

1. Upon completion of the workover, the operator shall sumbit a complete subsequent notice of the work performed including a description of the intervals open in the wellbore.

OI58/117

## TATE OF UTAH



	OF NATURAL RESOUR OF OIL, GAS, AND MININ		S. LEASE DESIGNATION	AND SERIAL NO.
SUNDRY NOTICES (Do not use this form for proposals to Use "APPLICATION")	AND REPORTS OF	ANTELS ADMEN	6. IP INDIAN, ALLOTTE	S OR TRIVE NAME
	POR PERMIT—" for such project		T. UNIT AGREMENT N	MO
MAPT AST D OLESS		JAN 11 1990 🖼	S. FARM OR LEADS HAD	<u></u>
L WAME OF OPERATOR	1 t. d Commoner	DIVISION OF	Freston	
Pennzoil Exploration and Pro	duction Company	OIL, BAS & WINING	S. WELL NO.	
P.O. Box 2967, Houston, TX	77252	and mide Stillittigft	2-8B1	
4. LOCATION OF WELL (Report location clearly See also space 17 below.)	and in accordance with any Su	ite requirements.	10. FIELD AND POOL, O	
See also space 17 below.) At surface			Bluebell/Wasa	
1/101 TRY - 1 22001 EET			11. SBC., T., B., M., OR SUBVET OR AREA	BLE. ARB
1412' FNL and 2380' FEL			Sec 8, T2S, R	R1W
	BLEVATIONS (Show whether DF, 27		12. COUNTY OR PARISE	18. STATE
API 43-013-31203-00	5231 (GR)	, on the !	Duchesne	UT
			Osh Doto	
16. Check Approp	onate Box To Indicate Nat	ure of Notice, Report, or (	Other Daid	
NOTICE OF INTENTION	<b>30</b> :	603490	UENT ASPORT OF:	
TEST WATER SEUT-OFF POLL	OR ALTER CASING	WATER SHUT-OFF	REPAIRING	1
	PLB COMPLETE	PRACTURE TREATMENT	ALTERING C	
SMOOT OR ACIDIES ABAND	on•	(Other) add Wasatch		X
REPAIR WELL CHANG	IR PLANS	(Other) add Report result	s of multiple completion section Report and Log for	os Well
(Other)  17. DESCRIBE PROPOSED OR COMPLETED OPERATION proposed work. If well is directionally	- Other structures will purchage of			ta af atapting any
Summary of Workover from 11,  1. MI and RU pulling unit.  2. Tested all 745/8" casing  3. Acidized perfs 11,323-11,  4. Cleaned out down to 12,90,  5. Added Wasatch perfs 11,79,  6. Acidized perfs 11,232-12,  7. Left well flowing. RD put  Jess Dullnig Neola, Utah  12/29/89	POOH with all produ above 10,978' to 15 ,720' w/10,000 gal 7 08'. 94-12,893' (353', 74 ,893' w/30,000 gal 7	7-1/2% HCL w/CO <sub>2</sub> .  7-1/2% HCL w/CO <sub>2</sub> .  7-1/2% HCL w/CO <sub>2</sub> .	OIL AND DRN JRB DTS  I-TAS  A MICROFIL	CL1 SL3
SIGNED LAND. OF State office of the space for Federal or State office to	Super	rvising Engineer	DATE	/90

## DEPARTMENT OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OUR GAS AND MINING

SUBMIT	IN TRIPLICATE*	
	r instructions on	
	reverse side)	

DIVISION OF OIL,	GAS, AND MIN	NING		5. LEASE DESIGNATION	AND SERIAL HO.
SUNDRY NOTICES AND  (Do not use this form for proposals to drill or use "APPLICATION FOR PEI	REPORTS C to deepen or plug be RMIT—" for such pr	ON WELLS ack to a different reservo	ir.	S. IF INDIAN, ALLOTTE	OR TRIBE NAME
OIL GAS OTHER	9	ECEUVI		7. UNIT AGREEMENT NA	MA
2. NAME OF OPERATOR PENNZOIL EXPLORATION AND PRODUC	TION COMPANS	2 0 1000		8. FARM OR LEASE NAM	(3
ADDRESS OF OPERATOR	TION COMPANY	JUL 3 0 1990		FRESTON	
P.O. BOX 2967, HOUSTON, TX	77252	DIVISION OF		2-8B1	
<ul> <li>LOCATION OF WELL (Report location clearly and in accessed also space 17 below.)</li> <li>At surface</li> </ul>	cordance with any S	tatOttq.BAS.B.MININ	G	10. FIELD AND FOOL, OF BLUEBELL	WILDCAT
1412' FNL & 2380' FEL				11. SEC., T., B., M., OR B	LE. AND
				SEC 8 T2S R1W	
4. PERMIT NO. 18. BLEVATIONS	s (Show whether or,	RT, GR. etg.)		12. COUNTY OR PARISH	18. STATE
API NO. 43-013-31203-00 GL 52				DUCHESNE	UTAH
6. Check Appropriate Box	x To Indicate No	ature of Notice, Repo	ort, or O	ther Data	
NOTICE OF INTENTION TO:			SUBSEQUE	INT REPORT OF;	
TEST WATER SHUT-OFF PULL OR ALTER C	ASING	WATER SHUT-OFF		repairing w	TLL JAN
FRACTURE TREAT MULTIPLE COMPLI	ETE	FRACTURE TREATME		ALTERING CA	<b></b>
SHOOT OR ACIDIZE ABANDON*  REPAIR WELL CHANGE PLANS		SHOUTING OR ACIDIS	EING	ABANDONMEN	T*
(Other) TEMPORARILY SHUT WELL IN	$\frac{1}{x}$			of multiple completion of	
7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly proposed work. If well is directionally drilled, givenent to this work.)*  THIS WELL WAS SHUT-IN 7-21-90 FOR A OF OPERATIONS AT THE GARY GAS PLAN	AN INDENINIT	E PERIOD OF TIME	DUE T	depths for all markers	and zones perti-
NORMAL PRODUCTION OPERATIONS AS SOC		S ARE COMPLETED	OIL DEN JEB DIS	AND GAS  RJF  GLH  SLS	;
Can Alallan		ROLEUM ENGINEER		7-26-9	0
8101125	11116			DATE	
(This space for Federal or State office use)					
APPROVED BY CONDIA. '3 OF APPROVAL, IF ANY:	TITLE		<del></del>	DATE	<del></del>

## STATE OF UTAH DEPARTMENT F NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

DIVISION OF OIL, GAS AND MINIT	NG	FEE  7. Indian Allottee or Tribe Name		
SUNDRY NOTICES AND REPORTS C	ON WELLS			
Use APPLICATION FOR PERMIT— for such propo	enter plugged and abandoned wells.	8. Unit or Communitization Agreement		
1. Type of Well    X   Oil	NOV 16 1990	Well Name and Number Tyston 2-8B1		
Pennzoil Exploration and Production Company  3. Address of Operator		10. API Well Number 43-013-31203-00		
P.O. Box 2967, Houston, Texas 77252-2967	4. Telephone Multipoer 7131-54642400011NING	11. Field and Pool, or Wildcat Bluebell		
5. Location of Well  Footage : 1412 'FNL and 238 'FEL  QQ, Sec, T., R., M. : Section 8, T2S-R1W		Duchesne		
12. CHECK APPROPRIATE BOXES TO INDICATE NA		BT OR OTHER DATA		
NOTICE OF INTENT (Submit in Duplicate)	SUBSEC	QUENT REPORT Original Form Only)		
Abandonment	Abandonment * Casing Repair Change of Plans Conversion to Injection Fracture Treat Other	New Construction Pull or Alter Casing Shoot or Acidize Vent or Flare Water Shut-Off		
OtherApproximate Date Work Will Start9/25/90		*10/23/90  ons and Recompletions to different reservoirs MPLETION AND LOG form.		
	* Must be accompanied by a ceme	ent verification report.		
I3. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertin locations and measured and true vertical depths for all markers and zones pertin	ent to this work.)			
The following is a summary of work per  1. MIRU pulling unit.	formed from 9/25/90 t	:o 10/23/90:		
2. POOH with sidestring and 2-7/8" tu	hina			
3. Mill pager at 10,985'.	orng.			
4. Set CIBP at 11,225'.				
5. Perforated 10.313-11,220 with 2 spf.				
6. Acidized perfs 10.313-11,220' with 40,000 gallons 15% HCl.				
7. Remove CIBP at 11,225'.				
8. Set permanent packer at 10,100'.				
9. Opened well to flow.				

(8/90)

(State Use Only)

Title Supervising Engineer\_Date//-/4-90

R. A. Williams



#### United States Department of the Interior

#### **BUREAU OF LAND MANAGEMENT**

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

In Reply Refer To: 3100 U-4377 UTU-66485 (UT-932)

MAR 2 6 1999

#### NOTICE

PennzEnergy Exploration and Production L.L.C. P.O. Box 2967 Houston, TX 77252-2967

Oil and Gas

#### Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of Pennzoil Exploration and Production Company into PennzEnergy Exploration and Production L.L.C. with PennzEnergy Exploration and Production L.L.C. being the surviving entity.

For our purposes, the merger is recognized effective December 28, 1998, (Secretary of State's approval date).

Oil and gas lease files U-4377 and UTU-66485 have been noted as to the merger. The lease file numbers were obtained from a list of leases drawn from our Automated Land and Mineral Record System (ALMRS). We have not abstracted the lease files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from Pennzoil Exploration and Production Company to PennzEnergy Exploration and Production L.L.C. on Bond No. 8023 29 91 (BLM Bond No. NM0043). The principal/obligor is also automatically changed from Pennzoil Exploration and Production Company to PennzEnergy Exploration and Production L.L.C. on Bond No. 8134-90-99 (BLM Bond No. NM2142).

IRENU J. ANDERCON

Irene J. Anderson Acting Group Leader, Minerals Adjudication Group

cc:

Moab Field Office Vernal Field Office

MMS, Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217 State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT 84114-5801 Teresa Thompson (UT-931)



### United States Department of the Interior

#### **BUREAU OF LAND MANAGEMENT**

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

In Reply Refer To: 3100 U-0115615 et al (UT-932)

MAR 2 6 1999

NOTICE

PennzEnergy Company P.O. Box 2967 Houston, TX 77252-2967

Oil and Gas

#### Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of PennzEnergy Company into Pennzoil Company with PennzEnergy Company being the surviving entity.

For our purposes, the merger is recognized effective December 30, 1998, (Secretary of State's approval date).

The oil and gas lease files and communitization agreement computer files identified on the enclosed exhibit have been noted as to the merger. The exhibit was compiled from a list of leases obtained from our Automated Land and Mineral Record System (ALMRS). We have not abstracted the lease files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from Pennzoil Company to PennzEnergy Company on Bond No. 8134-90-99 (BLM Bond No. NM2142).

Irene J. Anderson Acting Group Leader. Minerals Adjudication Group

Enclosure

Exhibit

cc:

Moab Field Office Vernal Field Office

MMS, Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217

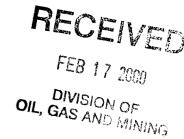
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT 84114-5801 Teresa Thompson (UT-931)



#### United States Department of the Interior

#### **BUREAU OF LAND MANAGEMENT**

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155



In Reply Refer To: 3106 U-0575A et al (UT-932) FEB 1 6 2000

#### NOTICE

Devon Energy Production Company L.P. 20 North Broadway, Suite 1500

Oklahoma City, Oklahoma 73102-8260

Oil and Gas U-0575A et al

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of Devon Energy Corporation (Nevada) and PennzEnergy Exploration and Production Company, L.L.C. into Devon Energy Production Company, L.P. with that company being the surviving entity.

The oil and gas lease files listed on the enclosed exhibit have been noted as to the merger. The exhibit was compiled from your list of leases, and a list of leases obtained from our computer system. We have not attempted to identify leases where the entities are the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the merger by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

PennzEnergy Company assigned 100 percent of the record title interest, in the following leases on the list submitted by Devon Energy Production Company L.P., to Barrett Resources Corporation (Barrett) effective January 1, 2000.

U-0143511

U-4377

UTU-67943

U-0143512

U-4378

Subsequently, Barrett assigned 100 percent of the record title interest to Coastal Oil & Gas Corporation effective February 1, 2000. A copy of this notice is being placed in these files to cover any overriding royalty interest that would be held by the surviving entity.

Lease U-0115614A is held 100 percent by Flying J Oil & Gas. PennzEnergy Company holds 100 percent of the record title interest in lease U-3575. No record title assignment assigning the interest to PennzEnergy Exploration and Production Company, L.L.C. has been filed in this office. A copy of this notice will be placed in the lease files to cover any overriding royalty interest that would be held by the surviving entity.

Leases U-61343, UTU-64532, UTU-66485 and UTU-75200 have expired and are closed on the records of this office.

An assumption rider for BLM Bond No. CO1104 has been filed in the Colorado State Office.

/a/ Robert Lopez

Robert Lopez Chief, Branch of Minerals Adjudication

**Enclosure** 

**Exhibit** 

cc: Vernal Field Office (w/encl.)

Moab Field Office (w/encl.)

MMS, Reference Data Branch, MS3130, P.O. Box 5860, Denver, CO 80217 (w/encl.) State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT (w/encl.)

Teresa Thompson (UT-931) (w/encl.) Irene Anderson (UT-932) (w/encl.) LaVerne Steah (UT-942) (w/encl.)

#### **Exhibit of Leases**

U-0575A	U-0141459	U-4377
U-01188B	U-0143511	U-4378
U-016654	U-0143512	U-16131
U-0115614A	U-0144868A	U-31262
U-0115615	U-3099	U-44426
U-0126825	U-3575	UTU-67943
U-0141454	UTU-74888	210 01040

#### Communitization Agreements

U-58774	U-58835	U-60827
U-58799	U-58839	U-60831
U-58830	U-58844	U-68998
U-58834	U-58854	0 00000

#### Devon Energy Production Company, L.P.

#### FILED

#### DEC 3 0 1999

**OKLAHOMA SECRETARY** OF STATE

#### Certificate of Merger

TO:

The Oklahoma Secretary of State

101 State Capitol

Oklahoma City, Oklahoma 73105

Devon Energy Production Company, L.P., a limited partnership organized under the laws of the State of Oklahoma, for the purpose of filing a Certificate of Merger pursuant to the provisions of 54 O.S. § 310.1, does hereby execute the following Certificate of Merger:

The name and jurisdiction of formation or organization of each of a domestic limited partnership, a foreign corporation and a foreign limited liability company which are to merge are:

Name of Organization	Type of Organization	Jurisdiction of Formation
Devon Energy Production Company, L.P.	Limited Partnership	Oklahoma
Devon Energy Corporation (Nevada)	Corporation	Nevada
PennzEnergy Exploration and Production Company, L.L.C.	Limited Liability Company	Delaware

- 2. An Agreement of Merger has been approved and executed by the limited partnership, the corporation and the limited liability company which are to merge.
  - 3. The name of the surviving or resulting limited partnership is:

Devon Energy Production Company, L.P.

- The merger shall be effective upon the filing of this Certificate of Merger with the Secretary of State of Oklahoma.
- The Agreement of Merger is on file at the place of business of the surviving limited partnership at 1500 Mid-America Tower, 20 North Broadway, Oklahoma City, Oklahoma 73102.
- A copy of the Agreement of Merger shall be furnished by the surviving or resulting limited partnership, upon request and without cost, to any partner of any limited partnership or any person holding an interest in any other business entity which is to merge.

MAR 13 2000

**DIVISION OF** OIL, GAS AND MINING DATED as of the 30th day of December, 1999.

Devon Energy Management Company, L.L.C. General Partner

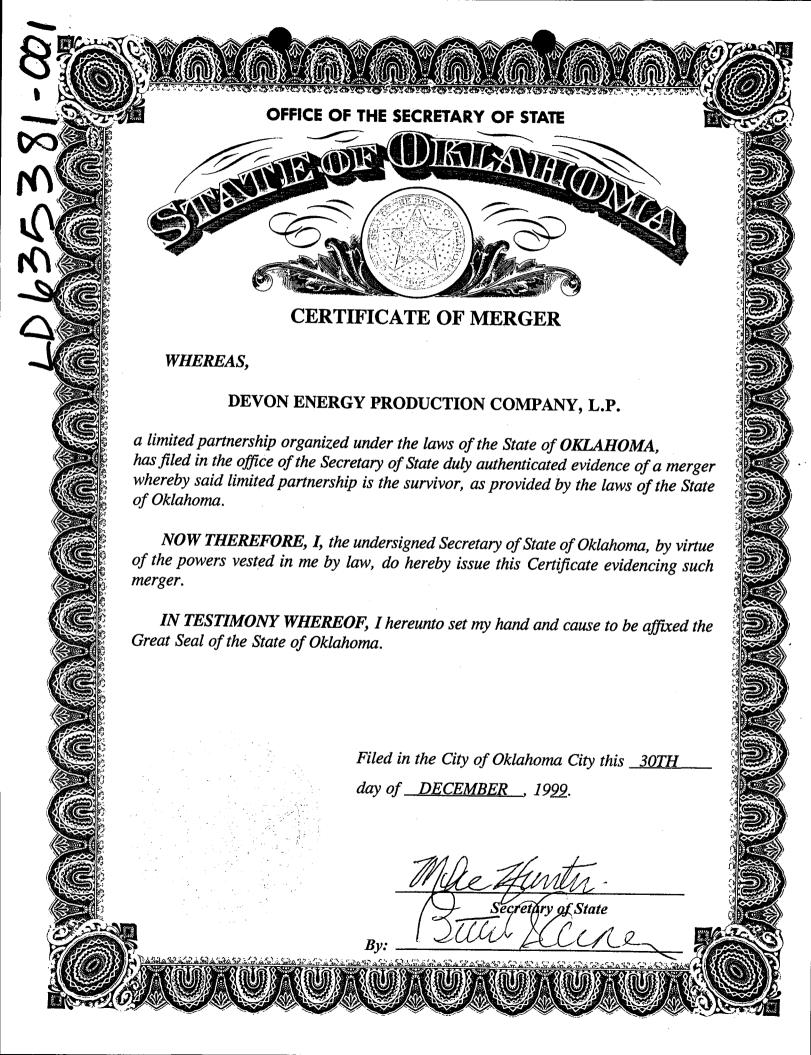
By:\_

J. Larry Nichols, Manager

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DIVISION OF OIL, GAS AND MINING



#### **OPERATOR CHANGE WORKSHEET**

#### ROUTING

110011110			
1. GLH	4-KAS		
2. CDW/	5=\$10 V		
3. JLT	6-FILE		

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

Unit:

The operator of the well(s) listed below has changed, effective:	04-01-2000
FROM: (Old Operator):	<b>TO:</b> ( New Operator):
PENNZOIL COMPANY	DEVON ENERGY EXPL & PROD CO LLC
Address: P. O. BOX 290	Address: 20 NO. BROADWAY STE 1500
NEOLA, UT 84053	OKLAHOMA CITY, OK 73102-8260
Phone: 1-(435)-353-4121	Phone: 1-(405)-235-3611
Account No. N0705	Account N1275

CA No.

WELL(S)				·		
	API	ENTITY	SEC. TWN	LEASE	WELL	WELL
NAME	NO.	NO.	RNG	<b>TYPE</b>	<b>TYPE</b>	STATUS
DUNCAN 4-2A2	43-013-31276	11258	02-01S-02W	FEE	GW	P
MECCA 2-8A2	43-013-31231	10981	08-01S-02W	FEE	ow	P
HAMBLIN 3-9A2	43-013-31278	11094	09-01S-02W	FEE	GW	P
SUNDANCE 4-15A2	43-013-31333	11269	15-01S-02W	FEE	OW	P
LAMB 2-16A2	43-013-31390	11487	16-01S-02W	FEE	ow	S
LAMICQ URRITY 4-17A2	43-013-31190	10764	17-01S-02W	FEE	OW	P
LAMICQ 2-20A2	43-013-31191	10794	20-01S-02W	FEE	ow	P
LORANGER 6-22A2	43-013-31334	11335	22-01S-02W	FEE	OW	P
LABRUM 2-23A2	43-013-31393	11514	23-01S-02W	FEE	OW	P
LORANGER 2-24A2	43-013-31322	11244	24-01S-02W	FEE	ow	P
SHAW 2-27A2	43-013-31184	10753	27-01S-02W	FEE	OW	P
WISSE 3-35A2	43-013-31215	10925	35-01S-02W	FEE	OW	P
COX 2-36A2	43-013-31335	11330	36-01S-02W	FEE	ow	P
HATCH 2-3B1	43-013-31147	10615	<del> </del>	FEE	OW	P
BAR F 2-5B1	43-013-31286	11113	05-02S-01W	FEE	OW	P
FRESTON 2-8B1	43-013-31203	10851	08-02S-01W	FEE	ow	P
NORLING 2-9B1	43-013-31151	10616	09-02S-01W	FEE	ow	P
EDWARDS 3-10B1	43-013-31332	11264	<del> </del>	FEE	ow	P
POWELL 2-16B1	43-013-31820	12342	16-02S-01W	FEE	ow	P
CHAPMAN 2-4B2	43-013-31378	11485	04-02S-02W	FEE	ow	P
PEARSON 2-11B2	43-013-31356	11359	11-02S-02W	FEE	OW	P
SMITH 2-9C5	43-013-31321	11245	09-03S-05W	FEE	ow	P
BALLARD 2-15B1	43-047-32351	11476	<del></del>	FEE	ow	S
				,- ~	1011	ı ~

#### **OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on:

04/20/2000

2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on:

04/20/2000

3.	The new company has been checked through the <b>Department of Commerce, Division of Corporations Database on:</b> 10/12/2000
4.	Is the new operator registered in the State of Utah:  YES  Business Number: 4549132-0143
5.	If NO, the operator was contacted contacted on:
6.	<b>Federal and Indian Lease Wells:</b> The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on:
7.	Federal and Indian Units: The BLM or BIA has approved the successor of unit operator
8.	for wells listed on:  N/A  Federal and Indian Communization Agreements ("CA"): The BLM or the BIA has approved the operator change for all wells listed involved in a CA on:  N/A
9.	Underground Injection Control ("UIC") Pro: The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:  N/A
D	ATA ENTRY:
1.	Changes entered in the Oil and Gas Database on:  10/16/2000
2.	Changes have been entered on the Monthly Operator Change Spread Sheet on: 10/16/2000
3.	Bond information entered in RBDMS on:
4.	Fee wells attached to bond in RBDMS on:
<b>S</b> 7.	State well(s) covered by Bond No.:
F	EE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:
1.	(R649-3-1) The <b>NEW</b> operator of any fee well(s) listed has furnished a bond:  YES
2.	The <b>FORMER</b> operator has requested a release of liability from their bond on:  10/03/2000  10/03/2000
3.	(R649-2-10) The <b>FORMER</b> operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:
	LMING: All attachments to this form have been MICROFILMED on: ろいひし
	LING: ORIGINALS/COPIES of all attachments pertaining to each individual well have been filled in each well file on:
CC	DMMENTS:

	DESIGNATION OF AGENT OR OPERATOR
The undersig	gned is, on record, the holder of oil and gas lease
	As per the attached spreadsheet.
LEASE NU	JMBER:
and hereby d	lesignates
NAME:	Devon Energy Production Company, L.P.
ADDRESS:	20 North Broadway, Suite 1500, Oklahoma City, OK 73102-8260
compliance wi State of Utah	Operator (3) with full authority to act in his behalf in complying with the terms of the lease and regulation and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing the the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the with respect to:
	which this designation is applicable, and identify each applicable oil and gas well by same and API number. Attach additional pages as needed.)  ttached spreadsheet.
Note:	Please use April 1, 2000 as the starting date for production reporting purposes.
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	DIVISION OF
<del></del>	OIL, GAS AND MINING
_	It on the part of the designated agent/operator, the lessee will make full and prompt compliance with all rules, rders of the Board of Oil, Gas and Mining of the State of Utah or its authorized representative.
rossee agre	es to promptly notify the Division Director or Authorized Agent of any change in this designation.
ective Date o	f Designation:January 1, 2000
(Name)	R. D. Glark  OF: (Company) PennzEnergy Exploration and Production  Company, L.L.C.
(Title)	Vice President  Oklahoma City, OK 73102-8260
<del></del>	405-235-3611

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# DEVON ENERGY PRODUCTION COMPANY, L.P. UTAH PROPERTIES

DIVISION OF OIL. GAS AND MINING

						LEACE NO /
	API NO.	WELL NAME & NO.	LOCATION	COUNTY	FIELD NAME	LEASE NO. /
28	4301330297	GEORGE MURRAY 1-16B1	SENW-16-2S-1W	DUCHESNE	BLUEBELL	AGREEMENT NO.
29	4301330307	UTE ALLOTTED 1-36Z2	NWSE-36-1N-2W	DUCHESNE	BLUEBELL	1420H621676 / 9C124
30	4301330347	LAMICQ URRUTY U 4-5A2	SENW-5-1S-2W	DUCHESNE	BLUEBELL	142011021070790124
31	4301330359	H G COLTHARP 1-15B1	SENW-15-2S-1W	DUCHESNE	BLUEBELL	
32	4301330369	STATE 3-18A1	NESW-18-1S-1W	DUCHESNE	BLUEBELL	9C142
	4301330564	D L GALLOWAY 1-14B2	SWNE-14-2S-2W	DUCHESNE	BLUEBELL	90142
54	4301330807	MARGUERITE 2-8B2	SENW-8-2S-2W	DUCHESNE	BLUEBELL	96102
35	4301330809	LAMICQ 2-6B1	NWSE-6-2S-1W	DUCHESNE	BLUEBELL	90102
36	4301330821	DILLMAN 2-28A2	SWNE-28-1S-2W	DUCHESNE	BLUEBELL	
37	4301330903	HAMBLIN 2-26A2	SWNE-26-1S-2W	DUCHESNE	BLUEBELL	
38	4301330912	RACHEL JENSEN 2-16C5	NENW-16-3S-5W	DUCHESNE	ALTAMONT	
39	4301330921	ROBERTSON UTE 2-2B2	NENE-2-2S-2W	DUCHESNE	BLUEBELL	9682
40	4301330975	JOHN 2-3B2	NWNE-3-2S-2W	DUCHESNE	BLUEBELL	9002
41	4301330995	LAMICQ ROBERTSON STATE 2-1B2	SWNE-1-2S-2W	DUCHESNE	BLUEBELL	
42	4301331009	UTE 2-7A2	CNE-7-1S-2W	DUCHESNE	BLUEBELL	1420462811
43	4301331147	HATCH 2-3B1	SENW-3-2S-1W	DUCHESNE	BLUEBELL	1420402011
44	4301331151	NORLING 2-9B1	SWSW-9-2S-1W	DUCHESNE	BLUEBELL	
45	4301331184	SHAW 2-27A2	SESW-27-1S-2W	DUCHESNE	BLUEBELL	
4	4301331190	LAMICQ URRUTY 4-17A2	SENW-17-1S-2W	DUCHESNE	BLUEBELL	
41	4301331191	LAMICQ 2-20A2	SESE-20-1S-2W	DUCHESNE	BLUEBELL	
48	4301331192	BOREN 3-11A2	SWSW-11-1S-2W	DUCHESNE	BLUEBELL	96107
49	4301331203	FRESTON 2-8B1	SWNE-8-2S-1W	DUCHESNE	BLUEBELL	30107
50	4301331215	WISSE 3-35A2	SWSW-35-1S-2W	DUCHESNE	BLUEBELL	
51	4301331231	MECCA 2-8A2	SESE-8-1S-2W	DUCHESNE	BLUEBELL	
52	4301331232	MARK 2-25A2	NWNE-25-1S-2W	DUCHESNE	BLUEBELL	NW537
53	4301331233	DUNCAN 4-12A2	SWNW-12-1S-2W	DUCHESNE	BLUEBELL	UTU77363
54	4301331235	SWYKES 2-21A2	NWNW-21-1S-2W	DUCHESNE	BLUEBELL	NW590

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## DEVON ENERGY PRODUCTION COMPANY, L.P. UTAH PROPERTIES

DIVISION OF OIL, GAS AND MINING

						LEASE NO. /
	API NO.	WELL NAME & NO.	LOCATION	COUNTY	FIELD NAME	AGREEMENT NO.
55	4301331238	SHERMAN 2-12B2	SWSE-12-2S-2W	DUCHESNE	BLUEBELL	9690
56	4301331245	MILES 7-7B3	SWNW-7-2S-3W	DUCHESNE	ALTAMONT	9675
57	4301331276	DUNCAN 4-2A2	NESE-2-1S-2W	DUCHESNE	BLUEBELL	
58	4301331278	HAMBLIN 3-9A2	SENE-9-1S-2W	DUCHESNE	BLUEBELL	
59	4301331285	DUNCAN 3-7A1	NWNW-7-1S-1W	DUCHESNE	BLUEBELL	
	4301331286	BAR F 2-5B1	SWSE-5-2S-1W	DUCHESNE	BLUEBELL	
OΙ	4301331299	CORNABY 2-14A2	NENE-14-1S-2W	DUCHESNE	BLUEBELL	NW498
62	4301331317	MITCHELL 2-4B1	SESW-4-2S-1W	DUCHESNE	BLUEBELL	9662
63	4301331321	SMITH 2-9C5	SWSW-9-3S-5W	DUCHESNE	ALTAMONT	
64	4301331322	LORANGER 2-24A2	N/2NE-24-1S-2W	DUCHESNE	BLUEBELL	
65	4301331325	UTE 2-6B3	SWSW-6-2S-3W	DUCHESNE	ALTAMONT	1420H621858 / 9651
66	4301331326	MCELPRANG 2-30A1	SWSW-30-1S-1W	DUCHESNE	BLUEBELL	NW625
67	4301331327	SMITH 2-7C5	NESW-7-3S-5W	DUCHESNE	ALTAMONT	1420H622389
68	4301331328	SMITH 2-18C5	SWSE-18-3S-5W	DUCHESNE	ALTAMONT	1420H622392
69	4301331329	UTE 2-24A3	SWNW-24-1S-3W	DUCHESNE	BLUEBELL	1420H621761
70	4301331330	UTE 5-19A2	NWNW-19-1S-2W	DUCHESNE	BLUEBELL	1420H621751
71	4301331332	EDWARDS 3-10B1	SWSW-10-2S-1W	DUCHESNE	BLUEBELL	
72	4301331333	SUNDANCE 4-15A2	SWNE-15-1S-2W	DUCHESNE	BLUEBELL	
	4301331334	LORANGER 6-22A2	SWSW-22-1S-2W	DUCHESNE	BLUEBELL	
74	4301331335	COX 2-36A2	NWNW-36-1S-2W	DUCHESNE	BLUEBELL	
75	4301331338	SMITH 2-6C5	SESW-6-3S-5W	DUCHESNE	ALTAMONT	1420H622388 / UTU70553
76	4301331341	FRESTON 2-7B1	SENE-7-2S-1W	DUCHESNE	BLUEBELL	1420H621970 / 9686
77	4301331356	PEARSON 2-11B2	SENE-11-2S-2W	DUCHESNE	BLUEBELL	120.02.0.0, 3000
78	4301331378	CHAPMAN 2-4B2	SWNW-4-2S-2W	DUCHESNE	BLUEBELL	
79	4301331390	LAMB 2-16A2	NENE-16-1S-2W	DUCHESNE	BLUEBELL	
80	4301331393	LABRUM 2-23A2	SWSW-23-1S-2W	DUCHESNE	BLUEBELL	
81	4301331820	POWELL 2-16B1	NENE-16-2S-1W	DUCHESNE	BLUEBELL	

# <u>DEVON ENERGY PRODUCTION COMPANY, L.P. UTAH PROPERTIES</u>

						LEASE NO./
	API NO.	WELL NAME & NO.	LOCATION	COUNTY	FIELD NAME	AGREEMENT NO.
82	4304730164	ROBERTSON UTE ST 1-12B1	SWNE-12-2S-1W	UNITAH	BLUEBELL	96101
83	4304730176	MAY UTE FEDERAL 1-13B1	NWSE-13-2S-1W	UNITAH	BLUEBELL	NW673
84	4304731981	COOK 1-26B1	SWSW-26-2S-1W	UNITAH	BLUEBELL	UTU68998
85	4304732178	CHRISTIANSEN 2-12B1	SWSE-12-2S-1W	UNITAH	BLUEBELL	96101
86	4304732351	BALLARD 2-15B1	SENE-15-2S-1W	UNITAH	BLUEBELL	
6	4304732744	RICH 2-13B1	NWNW-13-2S-1W	UNITAH	BLUEBELL	NW673
88	4301320255	SWD 4-11A2	NWNW-11-1S-2W	DUCHESNE	BLUEBELL	96107
89	4301330021	SWD 1-3A2	SESE-3-1S-2W	DUCHESNE	BLUEBELL	
90	4301330346	SWD 2-28A2	NWSE-28-1S-2W	DUCHESNE	BLUEBELL	
91	4301330367	SWD 2-10B1	NWNW-10-2S-1W	DUCHESNE	BLUEBELL	
92	4301330389	SWD 2-26A2	NESW-26-1S-2W	DUCHESNE	BLUEBELL	
93	4301330388	SWD 2-17C5	SENE-17-3S-5W	DUCHESNE	BLUEBELL	

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DIVISION OF OIL, GAS AND MINING

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE	ES .	FORM 9		
	DIVISION OF OIL, GAS, AND MIN	NING	5.LEASE DESIGNATION AND SERIAL NUMBER: FEE		
SUNDRY NOTICES AND REPORTS ON WELLS  6. IF INDIAN, ALLOTTEE OR T					
	sals to drill new wells, significantly deepen gged wells, or to drill horizontal laterals. U		7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FRESTON 2-8B1		
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP			9. API NUMBER: 43013312030000		
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 5125		<b>NE NUMBER:</b> 405 552-7883 Ext	9. FIELD and POOL or WILDCAT: BLUEBELL		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1412 FNL 2380 FEL QTR/QTR, SECTION, TOWNSHI Otr/Otr: SWNF Section: 08	<b>P, RANGE, MERIDIAN:</b> Township: 02.0S Range: 01.0W Meridian:	U	COUNTY: DUCHESNE  STATE:		
11.	CK APPROPRIATE BOXES TO INDICAT		OR OTHER DATA		
Chec	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
✓ NOTICE OF INTENT	✓ ACIDIZE	☐ ALTER CASING	CASING REPAIR		
Approximate date work will start: 3/21/2011	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME		
	☐ CHANGE WELL STATUS ☐ DEEPEN	☐ COMMINGLE PRODUCING FORMATIONS ☐ FRACTURE TREAT	☐ CONVERT WELL TYPE ☐ NEW CONSTRUCTION		
SUBSEQUENT REPORT Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	□ PLUG BACK		
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
SPUD REPORT Date of Spud:	✓ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON		
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL		
☐ DRILLING REPORT	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION		
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:		
	MPLETED OPERATIONS. Clearly show all per		olumes, etc.		
additional interval wil	s to cleanout this well and acid I be perforated from 8830' - 1 ed and returned to production. and procedure.	.0282', acidized and tested	, Approved by the Utah Division of Oil, Gas and Mining		
			ate: 03/21/2011 y:		
NAME (PLEASE PRINT) Deanna Bell	<b>PHONE NUMBER</b> 435 353-5780	TITLE Senior Field Technician			
SIGNATURE N/A		<b>DATE</b> 3/17/2011			

### DEVON ENERGY PRODUCTION COMPANY WORKOVER PROCEDURE

FRESTON 2-8B1 SECTION 8, T2S, R1W BLUEBELL/ALTAMONT FIELD DUCHESNE COUNTY, UTAH

#### **OBJECTIVE:**

Perforate additional intervals in upper Wasatch and Lower Green River. Comingle and put well back on pump.

#### **JUSTIFICATION:**

The Freston 2-8B1 was originally completed in 1988 in the Wasatch and perforations were added to the wellbore in 1990 (Wasatch). The well currently produces from intervals between 10,313'-12,893' at ~15 BOPD and ~70 MCFD.

This workover will clean out the well and the existing intervals will be acidized. An additional interval will be perforated from 8830'-10282', acidized and tested. The well will be comingled and put back on production.

#### **WELL DATA:**

API No. 43-013-31203

Completion: 1988

TD: 12928 PBTD:

Casing: 10 ¾" 45.5# at 3724'

7 5/8" 29.7# S95/P110 set at 11250'.

5 ½" 20# S95/P110 set from 11055 to 12928'.

Perforations: 11232-11720 1988

11794-12893 1989 10313-11220 1990 Other: MSOT Arrowdrill packer at 10,100' with seal assembly and 15' cutoff joint 2 7/8" tbg,

#### **WELL HISTORY**:

06-30-88	Perforated 11232-11720, 1736 holes
11-11-88	Installed pumping unit
12-01-89	Acidized perforations 11232-11720 with 10000 gals 7 1/2% HCL
12-12-89	Perforated 11794-12893', 353', 747 holes
12-12-89	Set MSOT AD-1 packer at 10985'.
12-20-89	Acidized perforations 11794-12893 with 30,000 gals 7 $\frac{1}{2}$ % HCL with CO2, rock salt, BAF and wax beads for diverter.
10-01-90	Washed over and pulled MSOT packer at 10985'.
10-02-90	Set CIBP at 11225'.
10-03-90	Perforated 10313-11220 431', 862 holes
10-09-90	Acidized perforations 10313-11220' with 40000 gals 15% HCL
10-18-90	Drilled out CIBP at 11225'
10-19-90	Se MSOT Arrowdrill packer at 10100' with mill out ext, XO, 4' 2 3/8" N-80 pup, 1.87" F nipple, 4' 2 3/8" N-80 pup, reentry guide.
06-05-91	Put back on pump using packer for tubing anchor.
08-03-96	Fished stuck pump and rods
08-07-96	Attempted to cut 2 7/8" tubing, lost all blades off of a Weatherford "HE" cutter.
08-09-96	Cut off 2 7/8" tubing, fish left in the hole is 15.31' 2 7/8" perforated joint, seal assembly, and MSOT Arrowdrill Packer. Top of fish at 10084'.
08-09-96	Pumped scale inhibitor treatment during rod job.
08-10-96	Returned to production pumping from above the fish.

- 2-14-00 Repair tubing leak.
- 11-19-02 Tbg system leaking, could not find leak, changed out PSN, TAC, circ shoe & stinger.
- 3-24-05 Fish Mt States seal assy pkr. Lowered PSN to 11095'. Baker TAC was tight going into liner.

#### PROCEDURE:

- 1. RDMO pumping unit.
- 2. MIRU workover rig with pump and tank. Test the deadmen prior to moving in and rigging up.
- 3. POOH with rods & pump, 1.9" tubing sidestring, 2-7/8" production tubing.
- 4. TIH with a bit and scraper and clean out to top of fish at 11353'. Attempt to circulate fluid to surface. POOH.
- 5. TIH with 2-7/8" tubing and a 7" treating packer and set at 10200'. Acidize well with 10,000 gal of 15% HCl with standard additives and 1000 bio-ball sealers for diversion.
- 6. Swab test to determine rate, cut and fluid level. Swab until the pH is five or greater.
- 7. POOH with tubing, packer.
- 8. RU Electric Line and TIH with a 7" RBP and set at ~10,300', dump 1 sk of sand on top. Load casing and pressure test casing to 1,000 psi.
- 9. Rig up wireline with a full lubricator and grease for pressure control. Perforate Wasatch/ Lower Green river 8830'-10282' overall as per perforation detail. RDMO wireline.
- 10. TIH with 2-7/8" tubing and a 7" treating packer and set at ~8700'.
- 11. Swab test the interval prior to acidizing to determine the rate, oil cut and fluid level. Catch an oil sample for compatibility testing with the acid.

#### FRESTON2-8B1, RECOMPLETION

- 12. Acidize the interval with 10,000 gals of 15% HCl with standard additives and 700 bio-ball sealers for diversion.
- 13. Swab test to determine rate, cut and fluid level. Swab until the pH is five or greater.
- 14. Release packer and POOH. TIH and recover RBP.
- 15. Run production equipment and put well on pump.

## DEVON ENERGY PRODUCTION COMPANY, L.P. FRESTON 2-8B1 PROPOSED PERFORATIONS IN THE UPPER WASATCH 8830'-10282'

No.	Pei	rf Int	erval	Feet	SPF	Holes	CBL DEPTH	Remarks
1	8830	to	8836	6	2	12		
2	8858	to	8868	10	2	20		
3	8900	to	8904	4	2	8		
4	8920	to	8924	4	2	8		
5	8960	to	8966	6	2 2	12		
6	8998	to	9010	12	2	24		
7	9080	to	9086	6	2	12		
8	9098	to	9108	10	2	20		
9	9120	to	9124	4	2	8		
10	9158	to	9168	10	2 2	20		
11	9225	to	9235	10	2	20		
12	9254	to	9260	6	2	12		
13	9268	to	9272	4	2	8		
14	9290	to	9294	4	2	8		
15	9442	to	9450	8	2 2	16		
16	9462	to	9468	6	2	12		
17	9540	to	9550	10	2	20		
18	9568	to	9572	4	2	8		
19	9606	to	9610	4	2	8		
20	9634	to	9644	10	2	20		
21	9661	to	9665	4	2	8		
22	9786	to	9810	24	2	48		
23	9910	to	9914	4	2	8		
24	9964	to	9968	4	2	8		
25	9974	to	9978	4	2 2	8		
26	10000	to	10004	4	2	8		
27	10038	to	10042	4	2	8		
28	10058	to	10064	6	2	12		
29	10078	to	10088	10	2	20		
30	10100	to	10104	4	2 2	8		
31	10196	to	10202	6	2	12		
32	10230	to	10238	8	2	16		
33	10272	to	10282	10	2	20		
	Net Feet		of intervals	<b>:</b>		33 230		
	Number	of ho	ies			460		

Depth Reference: Welex Dual Laterolog dated 4/12/88

	STATE OF UTAH		FORM 9				
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: FEE				
	RY NOTICES AND REPORTS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
Do not use this form for propo bottom-hole depth, reenter plu DRILL form for such proposals	osals to drill new wells, significantly deepen ugged wells, or to drill horizontal laterals. L s.	existing wells below current Ise APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME:				
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FRESTON 2-8B1				
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP			9. API NUMBER: 43013312030000				
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 512		<b>NE NUMBER:</b> 405 552-7883 Ext	9. FIELD and POOL or WILDCAT: BLUEBELL				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1412 FNL 2380 FEL			COUNTY: DUCHESNE				
QTR/QTR, SECTION, TOWNSH: Qtr/Qtr: SWNE Section: 08	IP, RANGE, MERIDIAN: 3 Township: 02.0S Range: 01.0W Meridian:	U	STATE: UTAH				
11. CHE	ECK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
	✓ ACIDIZE	☐ ALTER CASING	CASING REPAIR				
☐ NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME				
Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE				
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION				
6/14/2011	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK				
☐ SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION				
Date of Spud:	<b>✓</b> REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON				
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL				
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION				
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:				
□ WILDCAT WELL DETERMINATION □ OTHER  12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  Subsequent for Notice of Intent dated 3/17/2011 and approved on 3/21/2011.  Tag fill @ 12,845'. Set 7-5/8" pkr @ 10,199'; test to 1000 psi. Swab test.  Acidize existing perforations with 10,000 gals 15% HCL acid with 1000 7/8*Accepted by the OD bioballs. Swab test. Release and LD pkr @ 10,199'. Set 7-5/8" RBP @ Utah Division of 10,295'; test to 1000 psi. Perforate Upper Wasatch 8,830 - 10,282', 330il, Gas and Mining intervals, 230', 460 holes. Set 7-5/8" pkr @ 8,705'; test to 1000 psi. FOR RECORD ONLY test. Acidize perforations 8,830 - 10,282' with 10,000 gals 15% HCL acid with 700 7/8" OD bioballs. Flow test. Swab test. Release and LD pkr @ 8,705'. Production test. Release and LD 7-5/8" RBP @ 10,295'. Return to production from Lower Green River and Wasatch perforations 8,830 - 12,845'. Attachment well chronology 042611 to 061411.							
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE					
Deanna Bell	435 353-5780	Senior Field Technician					
SIGNATURE N/A		<b>DATE</b> 7/1/2011					

devon		BBA FRESTO OH - Property #:		1		WES	T UNRESTRICTE
Well Chronology							
District	County	Field Name		Project Group		State/Pro	ovince
ROCKY MOUNTAIN	DUCHESNE	BLUEBELL		JINTA		UT	
Surface Legal Location	API/UWI	, ,	ngitude (DMS)		Elev KB - GL	(ft) , Orig KB Ele	v (ft) TH Elev (ft)
8-2-S 1-W-6	4301331203		I0° 1' 9.55" E	5,231	1.00   27.	00 5,258.	00   5,231.00
Job Category RECOMPLETION		Job Type PLETION			condary Job Ty DD PAY	/pe	
Job Start Date	Job End Date	AFE	Number			Total AFE + Sup Ar	nount
4/26/2011 06:00	6/14/201	11 10:00	1	54742			385,250
Contractor, Rig Name	,	Rig Number	F	Rig Type			
PEAK WELL SERVICE		900	Į.	NO/COMP/I	PU-ONSHO	RE	
Contractor, Rig Name		Rig Number	F	Rig Type			
PEAK WELL SERVICE		900	i				
Job Phase	Act Dur (days)	) PI Cum Days ML (days)	Actual P	hase Cost	Planned Lik	ely Phase Cost	Cost Var ML
900111111	1 1 2 2 (2 2)	,			1	.,	
Domart # 4							
Report # 1 Report Start Date	Report End Date	Daily Cost		Cum Cost To	Data	Donti	End (ftKB)
4/27/2011 06:00	4/28/2011 06:00	6,955		Curr Cost 10	6,955	Depti	0.0
Time Log Summary	4/20/2011 00:00	0,900			0,900		0.0
	- RD FLOOR & TONGS - X-O E ELL FOR NIGHT NEXT DAY FI						35 - POOR W/ 40 JTS
Report # 2							
Report Start Date	Report End Date	Daily Cost		Cum Cost To	Date	Depth	End (ftKB)
4/28/2011 06:00	4/29/2011 06:00	13,645	5		20,600		0.0
JT 2 7/8" EUE TBG - BULL F	//EETING - P/U COLLARS S 2 7/8" EUE TBG - 7 5/8" CIR PLUG - W/ 22' DIP TUBE INSID 50 JTS 2 7/8" EUE TBG - STA	E FILL JT - RIH W/ OVE	RSHOT W/ 2	7/8" GRAP	HEL - BUM	PER SUB - SU	PER JAR - 4 DRILL
Report # 3					•		
Report Start Date	Report End Date	Daily Cost		Cum Cost To	Date	Depth	End (ftKB)

4/29/2011 06:00 4/30/2011 06:00 11,900 32,500 Time Log Summary

CREW TRAVEL - SAFETY MEETING - PU COLLARS

FINISHED POOH W/ 225 JTS 2 7/8" EUE TBG - 7 5/8" CIRC SHOE - 63 JTS 2 7/8" EUE TBG - 7 5/8" TAC - 28 JTS 2 7/8" EUE TBG - PSN - 10' PERF SUB - 1 JT 2 7/8" EUE TBG - BULL PLUG - W/ 22' DIP TUBE INSIDE FILL JT - RIH W/ OVERSHOT W/ 2 7/8" GRAPPLE - BUMPER SUB - SUPER JAR - 4 DRILL COLLARS - INTENSIFIER - 350 JTS 2 7/8" EUE TBG - STAYED ABOVE 5 1/2" LT FOR WEEKEND - SHUT IN WELL FOR WEEKEND - NEXT WORKING DAY ENGAGE FISH

EOT @ 11005' SHUT DOWN - 500 - 24

Report #4 Report Start Date Report End Date Daily Cost Cum Cost To Date Depth End (ftKB) 5/2/2011 06:00 5/3/2011 06:00 11,744 44,244 0.0 Time Log Summary

CREW TRAVEL - SAFETY MEETING - CHEMICALS

RIH W/ 10 JTS OF 2 7/8" EUE TBG TAG UP ON FISH TOP @ 11353'- LATCHED ONTO FISH PULLED 20,000 OVER STRING CAME FREE - POOH W/ 360 JTS 2 7/8" EUE TBG - SUPER JAR - 4 DRILL COLLARS - INT - BS - OS LD 20' X 2 7/8" JT - BLANK NIPPLE - 10' PERF SUB - X-O 2 7/8" EUE X 2 3/8" EUE -5 1/2" TAC - LOST ALL BANDS OFF TAC - LD ALL FISHING EQUIPMENT ONTO TRAILER - RIH W/ 6 3/4" BIT - 7 5/8" SCRAPER - 356 JTS 2 7/8" EUE TBG TAG 5 1/2" LT - POOH W/ 356 JTS 2 7/8" EUE TBG - LD BIT & SCRAPER - SHUT IN WELL FOR NIGHT - NEXT DAY RIH W/ 4 5/8" BIT TO PBTD.

SHUT DOWN - 730 - 24

devon

#### **BBA FRESTON 2-8B1** OH - Property #: 062882-001

**WEST UNRESTRICTED** 

Well Chronology

District ROCKY MOUNTAIN	County DUCHESNE	Field Name BLUEBELL	1	roject Group JINTA		State/Province UT	
Surface Legal Location 8-2-S 1-W-6	API/UWI 4301331203	Latitude (DMS) 40° 19' 37.68" N	Longitude (DMS) 110° 1' 9.55" E	Ground Elev I 5,231.00	(B - GL (ft) 27.00	Orig KB Elev (ft) 5,258.00	TH Elev (ft) 5,231.00
Report # 5							
Report Start Date	Report End Date	Daily Cost		Cum Cost To Date		Depth End	(ftKB)
5/3/2011 06:00	5/4/2011 06:00	6	,335	50,5	79		0.0

CREW TRAVEL - SAFETY MEETING - RIH W/ BIT

RIH W/ 4 5/8" CONE BIT - 356 JTS 2 7/8" EUE TBG OUT OF DERRICK - PU 56 JTS 2 7/8" EUE TBG OFF PIPE RACKS - TAG UP ON FILL @ 12845'- HAD 48' OF PERFS COVERD - 83' OF FILL - POOH LD 56 JTS 2 7/8" EUE TBG - FINISHED POOH TO DERRICK W/ 356 JTS 2 7/8" EUE TBG - LD 4 5/8" BIT -PUMPED 100 BBLS TPW DWN TBG WERE NEEDED - SHUT IN WELL FOR NIGHT - NEXT DAY RIH HYDROTESTING W/ 7 5/8" PKR. - 24

Report # 6				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
5/4/2011 06:00	5/5/2011 06:00	11,495	62,074	0.0

**CREW TRAVEL - SAFETY MEETING - HYDROTESTING** 

RU HYDROTESTER - RIH W/ 7 5/8" PKR - PSN - 356 JTS 2 7/8" EUE TBG TESTING TO 9000 PSI - DIDNT BLOW UP ANY TBG - RD HYDROTESTER -

POOH W/ 28 JTS

2 7/8" EUE TBG SET 7 5/8" PKR @ 10199'- RU PUMP LINES TO CSG - FILLED CSG W/ 360 BBLS TPW - TESTED 1000 PSI - HELD PRESSURE FOR 10 MINUTES NO BLEAD OFF - BLEAD PRESSURE OFF CSG - RU SWAB EQUIPMENT - RIH TAG FLUID @ 9300'- MADE 2 SWAB RUNS FROM 10170'-BROUGHT BACK 6 BBLS - SHUT IN WELL FOR NIGHT - NEXT DAY SWAB

EOT @ 10199' SHUT DOWN - 500 BBLS PUMPED - 360 - 24

Report # 7				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
5/5/2011 06:00	5/6/2011 06:00	5,190	67,264	0.0
Time Lea Cummen				

CREW TRAVEL - SAFETY MEETING - SWABBING

RU SWAB EQUIPMENT - RIH TAG FLUID @ 7200'- MADE 17 SWAB RUNS - SWABBED BACK 79 BBLS - 65% OIL - 35% WTR - SHUT IN WELL FOR NIGHT - NEXT DAY CHECK FLUID LEVEL & ACIDIZE.

ENDING FLUID LEVEL @ 9300' EOT @ 10199' **BBLS RECOVERED - 79** SHUT DOWN - 530 - 24

Report # 8				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
5/6/2011 06:00	5/7/2011 06:00	46,195	113,459	0.0
Time Log Summary				

**CREW TRAVEL - SAFETY MEETING - ACIDIZING** 

RIH W/ SANDLINE TAG FLUID @ 9100'- MADE 7 SWAB RUNS BROUGHT BACK 22 BBLS - RD SWAB EQUIPMENT - RU HALLIBURTON - PUMPED 10,000 GALLON ACID FRAC - WELL WENT ON VACCUM - RD HALLIBURTON - RU TO SWAB RIH W/ SANDLINE TAG FLUID @ 5800'- RIH W/ SANDLINE TAG FLUID @ 5800' MADE 9 SWAB RUNS BROUGHT BACK 53 BBLS - 95% WTR - 5% OIL - SHUT IN WELL FOR NIGHT NEXT DAY SWAB

ENDING FLUID LEVEL @ 7700' BBLS RECOVERD - 75 EOT @ 10199' SHUT DOWN - 600 - 24

> Page 2/6 Report Printed: 6/30/2011

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#### **BBA FRESTON 2-8B1** OH - Property #: 062882-001

**WEST UNRESTRICTED** 

Well Chronology

Tren Chilonology					
District	County	Field Name		Project Group	State/Province
ROCKY MOUNTAIN	DUCHESNE	BLUEBELL		UINTA	UT
Surface Legal Location	API/UWI	Latitude (DMS)	Longitude (DMS)	Ground Elev KB - GL (ft)	Orig KB Elev (ft) TH Elev (ft)
8-2-S 1-W-6	4301331203	40° 19' 37.68" N	110° 1' 9.55" E	5,231.00 27.00	5,258.00 5,231.00
Report # 9					
Report Start Date	Report End Date	Daily Cost		Cum Cost To Date	Depth End (ftKB)
5/7/2011 06:00	5/8/2011 06:00	6	,635	120,094	0.0

Time Log Summary

CREW TRAVEL - SAFETY MEETING - SWABBING ACID

SITP - 650#

BLEAD TBG DWN - RU TO SWAB - RIH W/ SANDLINE TAG FLUID @ 7500'- MADE 25 SWAB RUNS BROUGHT BACK 154 BBLS - ENDING FLUID LEVEL @ 7500'- ENDING PH4 - 10% OIL - 90% WTR - ALOT OF GAS - SHUT IN WELL FOR WEEKEND - NEXT WORKING DAY CHECK FLUID LEVEL - POOH W/ TRG

ENDING FLUID LEVEL @ 7500' BBLS RECOVERD - 154 EOT @ 10199' SHUT DOWN - 530 - 24

Report # 10				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
5/9/2011 06:00	5/10/2011 06:00	10,255	130,349	0.0
Time Log Summany				

CREW TRAVEL - SAFETY MEETING - SWABBING ACID

SITP - 650# BLEAD WELL DWN TO FLOWBACK TANK - CHANGED OUT RUBBERS ON LUBICATOR - RIH W/ SANDLINE TAG FLUID @ 5700'- MADE 9 SWAB RUNS BROUGHT BACK 57 BBLS - ENDING FLUID LEVEL @ 5700' - ENDING PH5 - 15% OIL - 85% WTR - ALOT OF GAS - RD SWAB EQUIPMENT - PUMPED 35 BBLS TPW DWN TBG - RELEASED 7 5/8" PKR @ 10199'- POOH W/ 328 JTS 2 7/8" EUE TBG - LD 7 5/8" PKR - RIH W/ 7 5/8" RBP W/ ON & OFF TOOL - 331 JTS 2 7/8" EUE TBG - SET RBP @ 10295'- FILLED HOLE W/ 390 BBLS TPW - TESTED 1000 PSI HELD FOR 10 MINUTES NO BLEAD OFF - BLEAD OFF WELL - POOH W/ 4 JTS 2 7/8" EUE TBG TO 10167'- SHUT IN WELL FOR NIGHT - NEXT DAY DUMP SAND -PERFORATE NEW ZONES.

EOT @ 10167' SHUT DOWN - 800 BBLS PUMPED - 425 - 24

Report # 11				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
5/10/2011 06:00	5/11/2011 06:00	28,280	158,629	0.0

Time Log Summary

CREW TRAVEL - SAFETY MEETING - PERFORATING

DUMPED 1 BAG OF SAND OIL IN TBG TO THICK TBG FILLED - PUMPED 60 BBLS TPW DWN TBG TO DISPLACE SAND POOH W/ 20 JTS 2 7/8" EUE TBG - DUMPED 1 BAG OF SAND PUMPED 58 BBLS TPW - RIH TO 10290' TO MAKE SURE THERE WAS NO SAND BRIDGE - POOH W/ 331 JTS 2 7/8" EUE TBG - LD ON & OFF TOOL - FLUSHED TBG WERE NEEDED W/ 80 BBLS TPW - RU PERFORATORS - RIH W/ WL MADE 9 RUNS PERFORATED FROM 10282' TO 8830'- RD WL - RIH W/ 60 JTS 2 7/8" TBG OPENED ENDED FOR A KILL STRING SHUT IN WELL FOR NIGHT - NEXT DAY POOH RIH W/

7 5/8" PKR HYDROTESTING

EOT @ 1872' BBLS PUMED - 198 SHUT DOWN - 800 - 24

Report Start Date   Report End Date   Daily Cost   Cum Cost To Date   Depth End (ftKB)   5/11/2011 06:00   5/12/2011 06:00   11,825   170,454   0.0	Report # 12				
5/11/2011 06:00 5/12/2011 06:00 11,825 170,454 0.0	Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
	5/11/2011 06:00	5/12/2011 06:00	11,825	170,454	0.0

Time Log Summan

CREW TRAVEL - SAFETY MEETING - HYDROTESTING

SICP - 525# SITP - 525#

BLEAD DWN WELL - PUMPED 85 BBLS DWN CSG UP TBG - RU HYDROTESTER - RIH W/ 7 5/8" PKR - PSN - 280 JTS 2 7/8" EUE TBG - SET 7 5/8" PKR @ 8705'- CSG WAS FULL - TESTED CSG TO 1000 PSI - HELD FOR 10 MINUTES NO BLEAD OFF - RU SWAB EQUIPMENT - RIH W/ SANDLINE STARTING FLUID LEVEL @ SURF MADE 8 SWAB RUNS BROUGHT BACK 55 BBLS - 5% OIL - 95% WTR - MILD GAS - SHUT IN WELL FOR NIGHT -NEXT DAY SWAB & ACIDIZE .

EOT @ 8705' SHUT DOWN - 500 - 24

> Report Printed: 6/30/2011 Page 3/6

RECEIVED Jul. 01, 2011

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### **BBA FRESTON 2-8B1**

**WEST UNRESTRICTED** 

Well Chronology

OH - Property #: 062882-001

Field Name Project Group State/Province County UINTA **ROCKY MOUNTAIN** DUCHESNE UT BLUEBELL Surface Legal Location API/UW Latitude (DMS) Longitude (DMS) KB - GL (ft) Orig KB Elev (ft) TH Elev (ft) Ground Elev .. 110° 1' 9.55" E 40° 19' 37.68" N 8-2-S 1-W-6 4301331203 5,231.00 27.00 5,258.00 5,231.00 Report #13 Report End Date Daily Cost Cum Cost To Date Depth End (ftKB) 5/12/2011 06:00 5/13/2011 06:00 44.090 214,544 0.0

Time Log Summary

**CREW TRAVEL - SAFETY MEETING - ACIDIZING** 

SITP - 250#

BLED DWN WELL - RU TO SWAB - RIH W/ SANDLINE TAG FLUID @ 6400'- MADE 6 SWAB RUNS BROUGHT BACK 18 BBLS - SWAB TBG DRY - 5% OIL - 95% WTR - MILD GAS - FILLED TBG W/ 47 BBLS TPW - RU HALLIBURTON TO TBG - PUT 1000 PSI ON CSG W/ RIG PUMP - PUMPED 10,000 GALLON ACID FRAC - ISIP @ 1942# - RD HALLIBURTON - RU FLOWBACK LINE - OPENED WELL UP @ 1530# - WELL FLOWED BACK 80 BBLS - WELL DIED -RU TO SWAB - MADE 4 SWAB RUNS BROUGHT BACK 42 BBLS - 40% OIL - 60% WTR - ALOT OF GAS - SHUT IN WELL FOR NIGHT - NEXT DAY SWAB.

EOT @ 8705' SHUT DOWN - 630 BBLS RECOVERED - 140 - 24

Report # 14 Report Start Date Report End Date **Daily Cost** Cum Cost To Date Depth End (ftKB) 5/13/2011 06:00 5/14/2011 06:00 6.415 220,959 0.0

Time Log Summary

CREW TRAVEL-SAFETY MEETING ON FLOWING WELL AND SWABBING ACID MAKE SURE UNIONS ARE HAMMERED TIGHT SITP-900psi bleed well down well flowed 30 BBLs back in 2 hrs rig up swab equipment and start swabbing fluid at surface, made 19 swab runs brought back 131 Bbls ending fluid @ 6000 ending cut 80%OIL 10% water lots of gas - sandline got stuck last run - clutches on rig started slipping . next day have mechanic work on clutches - get sandline out of hole.

SHUT DOWN - 600

**BBLS RECOVERD - 161** 

- 24

Report #15 Report End Date Daily Cost Cum Cost To Date Depth End (ftKB) Report Start Date 0.0 5/16/2011 06:00 11,813 232,772 5/17/2011 06:00 Time Log Summan

CREW TRAVEL - SAFETY MEETING - LD SANDLINE

SITP - 500#

BLEAD WELL DWN TO FLATTANK - PULLED 8 JTS TO SANDLINE - CLAMPED OFF SANDLINE PULLED 300' ONTO SAND DRUM - SANDLINE GOT TIGHT AND WELL STARTED BLOWING IN - PUMPED 150 DWN CSG UP TBG FOR A KILL - FINISHED POOH W/ 272 JTS 2 7/8" EUE TBG CUTTING 60' OF SANDLINE EVERY STAND - LD 7 5/8" PKR - RIH W/ 44 JTS 2 7/8" OPENED ENDED - POOH LD 44 JTS 2 7/8" EUE TBG - RIH W/ BULL PLUG - 2 JTS 2 7/8" EUE TBG - 10' PERF JT - PSN - 1 JT 2 7/8" EUE TBG - 7 5/8" TAC - 46 JTS 2 7/8" EUE TBG - 80 JTS 2 7/8" EUE TBG - SHUT IN WELL FOR NIGHT -NEXT DAY FINISH RIH W/ PRODUCTION.

HEATED & TRANSFERD - 180 BBLS OIL EOT @ 4062' SHUT DOWN - 700 BBLS PUMPED - 150 - 24

Report # 16 Report Start Date Report End Date Daily Cost Cum Cost To Date Depth End (ftKB) 243,894 5/17/2011 06:00 5/18/2011 06:00 11,123 0.0

Time Log Summan

CREW TRAVEL - SAFETY MEETING - BLEADING WELL

SITP - 75# SICP - 0

BLED DWN WELL - FINISHED RIH W/ 199 JTS 2 7/8" EUE TBG - RD FLOOR - ND BOP - LANDED TAC IN 20,000 TENSION - NU BOP - RU FLOOR -STEAMED OFF WORK AREA - RIH W/ 260 JTS OF 2 1/16" 10RD TBG - SPACED OUT W/ 4'-4'-8' X 2 1/16" PUP JTS LANDED W/ 10,000 DWN ON SHOE -ND BOP - NU WELLHEAD - X-O EQUIPMENT TO RODS - DUMPED PELLETS - FLUSHED W/ 70 BBLS TPW - DUMPED CHEMICAL - RU UNIT - RIH W/ 2 1/2" X 1 3/4" X 28' W/ 2 DIP TUBES - 15 W/G 3/4" RODS - 188 SLK 3/4" RODS - PU POLISH ROD SHUT IN WELL FOR NIGHT - NEXT DAY FINISH RIH W/ RODS

SHUT DOWN - 700 BBLS PUMPED - 70 CIRC SHOE @ 8689 TAC @ 10123 PSN @ 10156' EOT @ 10231' - 24

> Page 4/6 Report Printed: 6/30/2011

devon

#### BBA FRESTON 2-8B1 OH - Property #: 062882-001

WEST UNRESTRICTED

aevon

Well Chronology Field Name County Project Group State/Province **ROCKY MOUNTAIN** DUCHESNE BLUEBELL UINTA UT Surface Legal Location API/UWI atitude (DMS) Longitude (DMS) Ground Elev .. KB - GL (ft) Orig KB Elev (ft) TH Elev (ft) 8-2-S 1-W-6 4301331203 40° 19' 37.68" N 110° 1' 9.55" E 5,231.00 27.00 5,258.00 5,231.00 Report # 17 Depth End (ftKB) Report End Date Report Start Date **Daily Cost** Cum Cost To Date 5/18/2011 06:00 5/19/2011 06:00 4.237 248,131 0.0

Time Log Summary

CREW TRAVEL - SAFETY MEETING - RIH W/ RODS

SITP - 175# SICP - 175#

BLEAD WELL DWN - LD POLISHROD - LD 51 SLK 3/4" RODS - RIH W/ 130 SLK 7/8" RODS - 121 SLK 1" RODS -

SPACED OUT W/ 8'-4'-2' X 1" SUBS - FILLED W/ 2 BBLS TESTED 1000 PSI - PUMPED 10 BBLS OF DIESEL DWN SIDE STRING - HUNG UNIT - RIG DWN TURNED OVER TO PRODUCTION

1"- 121SLK - 3025' 7/8"- 130SLK - 3250' 3/4"- 137SLK - 15W/G - 3800' SPACED OUT W/ 8'-4'-2' X 1" SUBS FILLED W/ 2 BBLS - TESTED 1000 PSI

#### LEFT LOCATION @ 100PM

19 HR PRODUCTION - 0 OIL, 347 WTR, 0 GAS

24 HOUR PRODUCTION 5-19-2011 / 19 - BOPD, 203 - BWPD, 46 - MCFD

24 HOUR PRODUCTION 5-20-2011 / 25 - BOPD, 32 - BWPD, 67 - MCFD

24 HOUR PRODUCTION 5-21-2011 / 23 - BOPD, 24 - BWPD, 67 - MCFD

24 HOUR PRODUCTION 5-22-2011 / 17 - BOPD, 8 - BWPD, 67 - MCFD - 24

Report # 18		4		
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
6/8/2011 06:00	6/9/2011 06:00	5,228	253,359	0.0

Time Log Summary

ROAD RIG FROM 6-22 A2 TO THE 2-8 B1 - MIRU

PUMPED 100 BBLS TPW DWN CSG - 75 BBLS TPW DWN SIDE STRING - TESTED TBG TO 1000 PSI - RIG DWN UNIT - UNSEAT PUMP - FLUSH RODS W/ 40 BBLS TPW - POOH W/ 121SLK 1" RODS - 130SLK 7/8" RODS - 137SLK 3/4" RODS - 15W/G 3/4" RODS - LD 2 1/2" X 1 3/4" X 28' PUMP - 2 DIP TUBES - ND WELLHEAD - NU BOP - FLOOR - TONGS - POOH W/ 132 JTS 2 1/16" 10RD TBG - SHUT IN WELL FOR NIGHT NEXT DAY - FINISH POOH W/ SIDE STRING & 2 7/8" TBG.

EOT @ 4160' SHUT DOWN - 700 - 24

Report # 19				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
6/9/2011 06:00	6/10/2011 06:00	5,895	259,254	0.0
ime Log Summary				

**CREW TRAVEL - SAFETY MEETING - PINCH POINTS** 

FINISH POOH W/ 128 JTS 2 1/16" 10RD TBG - LD STINGER - ND BOP - UNSET TAC - NU BOP - POOH W/ 279 JTS 2 7/8" EUE TBG - 7 5/8" CIRC SHOE - 46 JTS

2 7/8" EUE TBG - 7 5/8" TAC - 1 JT 2 7/8" EUE TBG - PSN - 10' X 2 7/8" PERF SUB - 2 JTS 2 7/8" EUE TBG - BULL PLUG - RIH W/ 7 5/8" ON & OFF TOOL - 326 JTS 2 7/8" EUE TBG OUT OF DERRICK - TALLIED 71 JTS 27/8" EUE TBG OFF PIPE RACKS - PU 4 JTS 2 7/8" EUE TBG - STABBED WASHINGTON RUBBER - RU PUMP LINES TO WELL - SHUT IN WELL FOR NIGHT - NEXT DAY WASH SAND OFF RBP - RELEASE RBP.

EOT @ 10259' SHUT DOWN - 530 - 24

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Report Printed: 6/30/2011

devon

#### BBA FRESTON 2-8B1 OH - Property #: 062882-001

**WEST UNRESTRICTED** 

**Well Chronology** 

County Field Name Project Group State/Province **ROCKY MOUNTAIN DUCHESNE BLUEBELL** UINTA UT Ground Elev ... KB - GL (ft) Surface Legal Location API/I IWI Longitude (DMS) Orig KB Elev (ft) TH Flev (ft) Latitude (DMS) 8-2-S 1-W-6 4301331203 40° 19' 37.68" N 110° 1' 9.55" E 5.231.00 27.00 5.258.00 5.231.00 Report # 20 Report End Date Daily Cost Cum Cost To Date Depth End (ftKB) Report Start Date 6/11/2011 06:00 21,883 281,137 0.0 6/10/2011 06:00

Time Log Summary

**CREW TRAVEL - SAFETY MEETING - RELEASING RBP** 

SITP - 50# SICP - 95#

BLEAD WELL DWN - PUMPED 294 BBLS TPW TO FILL WELL - CIRCULATED 70 BBLS - RIH TAG SAND @ 10291' CIRCULATED SAND OUT W/ 80 BBLS TPW - LATCHED ONTO 7 5/8" RBP @ 10295'- RELEASED RBP POOH W/ 331 JTS 2 7/8" EUE TBG - LD 7 5/8" RBP - RIH W/ BULL PLUG - 5 1/2" TAC - 2 JTS 2 7/8" EUE TBG 10' X 2 7/8" PERF SUB - PSN - 98 JTS 2 7/8" EUE TBG - 7 5/8" CIRC SHOE - 279 JTS 2 7/8" EUE TBG - ND BOP - SET TAC IN 20,000 TENSION - NU BOP - X-O EQUIPMENT TO 2 1/16" - SHUT IN WELL FOR WEEKEND - NEXT WORKING DAY RIH W/ SIDE STRING & RODS.

CIRC SHOE @ 8690' PSN @ 11749' TAC @ 11823' EOT @ 11826'

SHUT DOWN - 600 - 24

Report # 21				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
6/13/2011 06:00	6/14/2011 06:00	11,883	293,020	0.0
Time Log Summany				

CREW TRAVEL - SAFETY MEETING - RIH ND BOP

RIH W/ 2 1/16" 10RD STINGER - 260 JTS 2 1/16" 10RD TBG - LANDED SIDE STRING W/ 9,000 DWN ON SHOE -

ND BOP - NU WELLHEAD & FLOWLINE - X-O EQUIPMENT TO RODS - DUMPED PELLETS - FLUSHED TBG W/ 70 BBLS TPW - DUMPED CHEMICAL - RU PUMPING UNIT - RIH W/ 2 1/2" X 1 1/2" X 28' PUMP W/ 2 DIP TUBES - RIH W/ 152 3/4" RODS - ADDED 45 SLK 3/4" RODS TO TOP OF TAPER - 130 SLK 7/8" RODS ADDED 9 SLK 7/8" RODS TO TOP OF TAPER - 12 SLK 1" RODS TO TOP OF 1" TAPER - SEATED PUMP - FILLED W/ 65 BBLS TPW - TESTED 1000 PSI - PUMPED 10 BBLS DIESEL DWN SIDE STRING - STEAMED OFF PUMPING UNIT & WORK AREA - STAYED RIG UP OVER NIGHT - NEXT DAY RIG DWN.

SPACED OUT W/ 2' X 1" SUB FILLED W/ 65 BBLS

LILLED AN OO DOLO

1"- 131 SLK - 3275' 7/8"- 139 SLK - 3475' 3/4"- 182 SLK 15 W/G - 4925'

SHUT DOWN - - 24

Report # 22				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
6/14/2011 06:00	6/15/2011 06:00	-258	292,763	0.0
Time Log Summary				

CREW TRAVEL - SAFETY MEETING - RIG DWN

ADDED 2' X 1" SUB - PUT WELL ON 1" TAG - PUMP GAS LOCKED - FILLED TBG W/ 5 BBLS - TESTED 1000 PSI IN 10 STROKES W/ UNIT - BLEAD GAS OFF TBG & CSG - FILLED TBG AGAIN W/ 5 BBLS TPW - TESTED 1000 PSI - 9 STROKES W/ UNIT - RIG DWN - TURNED OVER TO PRODUCTION.

LEFT LOCATION @ 1030AM - 16

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Report Printed: 6/30/2011

### Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET (for state use only)

<b>ROUTING</b>
CDW

X - Change of Operator (Well Sold)			Operator Name Change/Merger					
The operator of the well(s) listed below has change	ged, o	effectiv	/e:			8/29/2014		
FROM: (Old Operator): DEVON ENERGY PRODUCTION COMPANY L 333 WEST SHERIDAN AVENUE	P. N	N1275		TO: ( New Op LINN OPERAT 1999 BROADV	TING INC			
OKLAHOMA CITY OK 73102-5015				DENVER CO		3700		
				303-999-4275				
CA No.				Unit:	N/A			
	SEC	TWN	N RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List			<u> </u>		L		<u></u>	
OPERATOR CHANGES DOCUMENT. Enter date after each listed item is completed								
1. (R649-8-10) Sundry or legal documentation wa				-		9/16/2014	•	
2. (R649-8-10) Sundry or legal documentation wa				=		9/16/2014		10/0/0014
<ul><li>3. The new company was checked on the <b>Departs</b></li><li>4a. Is the new operator registered in the State of U</li></ul>		oi Coi	mmerce	Business Numb	-	9031632-0143		10/8/2014
5a. (R649-9-2)Waste Management Plan has been re		ed on:		Yes		<del>7031032-0143</del>	•	
<ul><li>5b. Inspections of LA PA state/fee well sites compl</li><li>5c. Reports current for Production/Disposition &amp; S</li></ul>				N/A 10/8/2014	- -			
6. Federal and Indian Lease Wells: The BL					merger, na	me change,		
or operator change for all wells listed on Federa	al or	Indian	leases o	on:	BLM	NOT YET	BIA	NOT YET
7. Federal and Indian Units:	_							
The BLM or BIA has approved the successor		-				<u>N/A</u>	-	
8. Federal and Indian Communization Ag			•	•				
The BLM or BIA has approved the operator of					6 T	N/A		
9. Underground Injection Control ("UIC"				_			-	
Inject, for the enhanced/secondary recovery un DATA ENTRY:	ıı/pro	ојест то	or the w	ater disposai wei	ii(s) iistea o	n:	9/24/2014	
1. Changes entered in the Oil and Gas Database				10/8/2014	_			
<ol> <li>Changes have been entered on the Monthly Or</li> <li>Bond information entered in RBDMS on:</li> </ol>	erat	or Cha	ange Sp			10/8/2014	•	
<ul><li>3. Bond information entered in RBDMS on:</li><li>4. Fee/State wells attached to bond in RBDMS on</li></ul>				10/8/2014 10/8/2014	•			
5. Injection Projects to new operator in RBDMS of				N/A	•			
6. Receipt of Acceptance of Drilling Procedures for	or Al	PD/Nev	w on:		-	10/8/2014	_	
7. Surface Agreement Sundry from NEW operator	on F	ee Sur	face we	lls received on:		9/16/2014	•	
BOND VERIFICATION:								
<ol> <li>Federal well(s) covered by Bond Number:</li> <li>Indian well(s) covered by Bond Number:</li> </ol>				NMB000501	•			
<ul><li>Indian well(s) covered by Bond Number:</li><li>3a. (R649-3-1) The NEW operator of any state/fe</li></ul>	e wel	ll(s) lis	ted cov	NMB000501 ered by Bond Nu	umher	LPM9149893		
3b. The <b>FORMER</b> operator has requested a release					N/A	LI 1017147075		
LEASE INTEREST OWNER NOTIFIC			, nom t	den bond on.	11/11	-		
4. (R649-2-10) The <b>NEW</b> operator of the fee wells			ontacted	l and informed b	y a letter fro	om the Division		
of their responsibility to notify all interest owner					10/8/2014			
COMMENTS:								

### Devon Energy Production Company, L.P. N1275 to Linn Operating, Inc N4115 Effective 8/29/2014

Well Name	Section	Township	Range AP		Entity	Mineral	Well	Well
				Number		Lease	Type	Status
SWD 4-11A2	11	010S	020W	4301320255	99990	Fee	WD	A
VIRGIL MECHAM 1-11A2	11	010S	020W	4301330009	5760	Fee	WD	Α
1-3A2	3	010S	020W	4301330021	99990	Fee	WD	Α
BLUEBELL 2-28A2	28	010S	020W	4301330346	99990	Fee	WD	A
SALERATUS 2-17C5	17	030S	050W	4301330388	99990	Fee	WD	A
CENTRAL BLUEBELL 2-26A2	26	010S	020W	4301330389	99990	Fee	WD	Α
BALLARD 2-15B1	15	020S	010W	4304732351	11476	Fee	WD	Α
GALLOWAY #3-14B2	14	020S	020W	4301351741		Fee	OW	APD
GALLOWAY #3-12B2	12	020S	020W	4301351742		Fee	OW	APD
GALLOWAY 4-14B2	14	020S	020W	4301351818		Fee	ow	APD
MORRIS #3-8B1	8	020S	010W	4301351836		State	OW	APD
FRITZ #3-24A2	24	010S	020W	4301351837		Fee	ow	APD
GALLOWAY #2-14B2	14	020S	020W	4301351739	19044	Fee	OW	DRL
EMERALD 2-32A1	32	010S	010W	4301350059	17980	Fee	OW	OPS
CLYDE MURRAY 1-2A2	2	010S	020W	4301330005	5876	Fee	OW	P
VICTOR C BROWN 1-4A2	4	010S	020W	4301330011	5780	Fee	OW.	P
DOUG BROWN 2-4A2	4	010S	020W	4301330017	5840	Fee	ow	P
L BOREN U 3-15A2	15	010S	020W	4301330017	5755	Fee	OW	P
LAMICQ-URTY U 3-17A2	17	010S	020W	4301330099	5745	Fee	ow	P
L BOREN U 5-22A2	22	010S	020W	4301330099	5900	Fee	ow	P
L BOREN U 4-23A2	23	010S	020W	4301330107	5905	Fee	ow	P
TOMLINSON FED 1-25A2	25	010S	020W	4301330113	5535	Federal	OW	P
WOODWARD 1-21A2	21	010S	020W	4301330120	5665	Fee	OW	P
and the second s	20	0105	020W	4301330130	5400	Fee	GW	P
LAMICQ 1-20A2 L RBRTSN ST 1-1B2		010S 020S			+		OW	P
	1		020W	4301330200	5410	State		P
SMITH ALBERT 1-8C5	8	030S	050W	4301330245	5490	Fee	OW_	
FRESTON ST 1-8B1	8	020S	010W	4301330294	5345	Fee	OW	P
GEORGE MURRAY 1-16B1	16	020S	010W	4301330297	5950	Fee	OW_	P
LAMICQ-URTY U 4-5A2	5	010S	020W	4301330347	5845	Fee	OW	P
H G COLTHARP 1-15B1	15	020S	010W	4301330359	5945	Fee	OW	P
STATE 3-18A1	18	010S	010W	4301330369	5810	Fee	OW	P
LAMICQ 2-6B1	6	020S	010W	4301330809	2301	Fee	OW	P
DILLMAN 2-28A2	28	010S	020W	4301330821	5666	Fee	OW	P
HAMBLIN 2-26-A2	26	010S	020W	4301330903		Fee	OW	P
JOHN 2-3-B2	3	020S	020W	4301330975	5387	Fee	OW	P
LAMICQ-ROBERTSON ST 2-1B2	1	020S	020W	4301330995	5412	Fee	OW	P
UTE TRIBAL 2-7A2	7	010S	020W	4301331009	5836	Indian	ow	P
HATCH 2-3B1	3	020S	010W	4301331147	10615	Fee	OW	P
NORLING 2-9B1	9	020S	010W	4301331151	10616	Fee	OW	P
SHAW 2-27A2	27	010S	020W	4301331184	10753	Fee	OW_	P
LAMICQ-URRITY 4-17A2	17	010S	020W	4301331190	10764	Fee	OW	P
LAMICQ 2-20A2	20	010S	020W	4301331191	10794	Fee	OW_	P
FRESTON 2-8B1	8	020S	010W	4301331203	10851	Fee	OW	P
WISSE 3-35A2	35	010S	020W	4301331215	10925	Fee	ow	P
MECCA 2-8A2	8	010S	020W	4301331231	10981	Fee	OW	P
SWYKES 2-21A2	21	010S	020W	4301331235	10998	Fee	OW	P
SHERMAN 2-12B2	12	020S	020W	4301331238	11009	Fee	OW	P
DUNCAN 4-2A2	2	010S	020W	4301331276	11258	Fee	GW	P
HAMBLIN 3-9A2	9	010S	020W	4301331278	11094	Fee	GW	P
BAR-F 2-5B1	5	020S	010W	4301331286	11113	Fee	ow	P
SMITH 2-9C5	9	030S	050W	4301331321	11245	Fee	ow	P
LORANGER 2-24A2	24	010S	020W	4301331322	11244	Fee	ow	P
UTE 2-6B3	6	020S	030W	4301331325	11446	Indian	ow	P
MCELPRANG 2-30A1	30	010S	010W	4301331326		Fee	ow	P

### Devon Energy Production Company, L.P. N1275 to Linn Operating, Inc N4115 Effective 8/29/2014

Well Name	Section	Township	Range A	P API	Entity	Mineral	Well	Well
		-		Number		Lease	Type	Status
SMITH 2-7C5	7	030S	050W	4301331327	11324	Indian	OW	P
SMITH 2-18C5	18	030S	050W	4301331328	11336	Indian	OW	P
UTE 2-24A3	24	010S	030W	4301331329	11339	Indian	OW	P
UTE 5-19A2	19	010S	020W	4301331330	11277	Indian	OW	P
EDWARDS 3-10B1	10	020S	010W	4301331332	11264	Fee	OW	P
SUNDANCE 4-15A2	15	010S	020W	4301331333	11269	Fee	ow	P
LORANGER 6-22A2	22	0108	020W	4301331334	11335	Fee	OW	P
COX 2-36A2	36	010S	020W	4301331335	11330	Fee	OW	P
SMITH 2-6C5	6	030S	050W	4301331338	11367	Indian	OW	P
FRESTON 2-7B1	7	020S	010W	4301331341	11338	Fee	OW	P
PEARSON 2-11B2	11	020S	020W	4301331356	11359	Fee	OW	P
CHAPMAN 2-4B2	4	020S	020W	4301331378	11485	Fee	OW	P
LAMB 2-16A2	16	010S	020W	4301331390	11487	Fee	OW	P
LABRUM 2-23A2	23	010S	020W	4301331393	11514	Fee	ow	P
POWELL 2-16B1	16	020S	010W	4301331820	12342	Fee	OW	P
BOWMAN 5-5A2	5	010S	020W	4301332202	13043	Fee	OW	P
BOREN 4-9A2	9	010S	020W	4301332203	13079	Fee	OW	P
BLANCHARD 3-10A2	10	010S	020W	4301332223	13149	Fee	OW	P
SQUIRES 3-8A2	8	010S	020W	4301332227	13176	Fee	OW	P
BROWN 3-4A2	4	010S	020W	4301332684	14673	Fee	OW	P
GALLOWAY 3-11B2	11	020S	020W	4301334304	18527	Fee	ow	P
OWL AND THE HAWK 3-9C5	9	030S	050W	4301351214	18649	Fee	OW	P
Bingham #3-4B1	4	020S	010W	4301351464	18825	Fee	ow	P
RED MOUNTAIN 3-5B1	5	020S	010W	4301351632	18954	Fee	OW	P
MECHAM #3-1B2	1	020S	020W	4301351844	19082	State	OW	P
MIKE AND SHELLEY #3-4B2	4	020S	020W	4301351845	19083	Fee	ow	P
RBRTSN UTE ST 1-12B1	12	020S	010W	4304730164	5475	Fee	OW	P
MAY UTE FED 1-13B1	13	020S	010W	4304730176	5435	Fee	OW	P
COOK 1-26B1	26	020S	010W	4304731981	11212	Fee	OW	P
CHRISTIANSEN 2-12B1	12	020S	010W	4304732178	11350	Fee	OW	P
RICH 2-13B1	13	020S	010W	4304732744	12046	Fee	OW	P
THOMAS 4-10B1	10	020S	010W	4304734080	13284	Fee	OW	P
HAMAKER 3-12B1	12	020S	010W	4304752294	18650	Fee	OW	P
BETTS 2-26B1	26	020S	010W	4304752435	18698	Fee	OW	P
STATE 1-10A2 (3-10C)	10	010S	020W		5860	State	GW	S
L BOREN U 6-16A2	16	010S	020W	4301330123	5750	Fee	ow	S
UTE TRIBAL 1-6B3	6	020S	030W	4301330136	5705	Indian	ow	S
MAUREL TAYLOR FEE 1-36A2	36	010S	020W	4301330143	5525	Fee	OW	S
CAMPBELL UTE ST 1-7B1	7	020S	010W	4301330236	5295	Indian	ow	S
D L GALLOWAY 1-14B2	14	020S	020W	4301330564	5965	Fee	OW	S
MARK 2-25A2	25	010S	020W	4301331232	10986	Fee	OW	S
MITCHELL 2-4B1	4	020S	010W	4301331317	11231	Fee	OW	S

#### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Well List 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 8 WELL NAME and NUMBER TYPE OF WELL OTHER See Attached Well List GAS WELL OIL WELL See Attached Well List 2. NAME OF OPERATOR: API NUMBER: LINN OPERATING, INC PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR ZIP 80202 Denver 1999 Broadway, Suite 3700 STATE CO (303) 999-4275 Bluebell/Altamont 4. LOCATION OF WELL COUNTY: Duchsene/Uintah FOOTAGES AT SURFACE: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION 1 NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start: CASING REPAIR **NEW CONSTRUCTION** TEMPORARILY ABANDON OPERATOR CHANGE CHANGE TO PREVIOUS PLANS TUBING REPAIR CHANGE TUBING PLUG AND ABANDON VENT OR FLARE SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF Date of work completion: COMMINGLE PRODUCING FORMATIONS OTHER: CHANGE OF RECLAMATION OF WELL SITE **OPERATOR** CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Effective 08/29/2014, Change of Operator from Devon Energy Production Company, LP, to Linn Operating, Inc. is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under their blanket state bond number LPM9149893. Attached is a list of wells that are associated with this Change of Operator. Devon Energy Production Company, LP N1375 333 West Sheridan Avenue Oklahoma City, OK 73102-5015 John D Raines SEP 16 2014 Vice President DIV OF OIL GAS & MINING Russell des Cognets II Asset Manager NAME (PLEASE PRINT) 9/8/14 SIGNATURE (This space for State us

OCT 08 2014

DIV. OIL GAS & MINING

(See Instructions on Reverse Side)

OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	

Field

**BLUEBELL ALTAMONT** 

State

UT

County

DUCHESNE

**DUCHESNE** 

**DUCHESNE** 

**DUCHESNE** 

DUCHESNE

**DUCHESNE** 

**DUCHESNE** 

DUCHESNE

DUCHESNE

DUCHESNE

**DUCHESNE** 

**Devon Energy Production Company, LP** Exisiting Well List for State/Fee/Indian Leases

Lease Type

FEE

STATE

Well Type

OIL

**Producing Status** 

Producing

Producing

**Producing** 

**Producing** 

Producing

Producing

Producing

Producing

Producing

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Shut-In

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API#

430133128600

430135146400

430133222300

430133003500

430133119200

430133008600

430133011500

430133220300

430133010700

430133012300

430133220200

430133001700

430133001100

430133268400

430133023600

430133137800

430133000500

430133035900 430133129900

430133133500

430133082100

430133127600

430133133200

430133029400

430133134100

430133120300

430133056400

430133430400

430133090300

430133127800

430133114700

430133097500

430133139300

430133139000

430133020000

Well Name

BAR F 2-5B1

BINGHAM 3-4B1

\*BOREN 1-14A2-

**BOREN 3-11A2** 

**BOREN 3-15A2** 

**BOREN 4-23A2** 

**BOREN 4-9A2** 

**BOREN 5-22A2** 

**BOREN 6-16A2** 

**BROWN 3-4A2** 

CHAPMAN 2-4B2

COLTHARP 1-15B1

DILLMAN 2-28A2

EDWARDS 3-10B1

**FRESTON STATE 1-8B1** 

**DUNCAN 4-2A2** 

FRESTON 2-7B1

FRESTON 2-8B1

GALLOWAY 1-14B2

GALLOWAY 3-11B2

HAMBLIN 2-26A2

HAMBLIN 3-9A2

LABRUM 2-23A2

LAMICQ ROBERTSON 1-1B2

**HATCH 2-3B1** 

**LAMB 2 16A2** 

**JOHN 2-3B2** 

COX 2-36A2

**BOWMAN 5-5A2** 

**BROWN DOUG 2-4A2** 

**BROWN VICTOR C 1-4A2** 

**CAMPBELL UTE ST 1-7B1** 

**CLYDE MURRAY 1-2A2** 

CORNABY 2-14A2 (RECOMP)

**BLANCHARD 3-10A2** 

Legal Location

005-002S-001W

004-002S-001W

010-001S-002W

014-001S-002W

011-001S-002W

015-001S-002W

023-001S-002W

009-001S-002W

022-001S-002W

016-001S-002W

005-001S-002W

004-001S-002W

004-001S-002W

004-001S-002W

007-002S-001W

004-002S-002W

002-001S-002W

015-002S-001W

014-001S-002W

036-001S-002W

028-001S-002W

002-001S-002W

010-002S-001W

008-002S-001W

007-002S-001W

008-002S-001W

014-002S-002W

011-002S-002W

026-001S-002W

009-001S-002W

003-002S-001W

003-002S-002W

023-001S-002W

016-001S-002W

001-002S-002W

GAS & MINING 2014 SEP

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SWYKES 2 21A2	430133123500	021-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
TAYLOR MAUREL FEE 1-36A2	430133014300	036-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
TOMLINSON 1 25A2	430133012000	025-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE TRIBAL 2-7A2	430133100900	007-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE TRIBAL 5-19A2	430133133000	019-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 1-6B3	430133013600	006-002S-003W	Shut-In	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 2-24A3	430133132900	024-001S-003W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 2-6B3	430133132500	006-002S-003W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
WISSE 3-35A2	430133121500	035-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
WOODWARD 1-21A2	430133013000	021-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BALLARD 2-15B1 SWD	430473235100	015-002S-001W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	UINTAH
BETTS 2-26B1	430475243500	26-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
CHRISTENSEN 2-12B1	430473217800	012-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
COOK 1-26B1	430473198100	026-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
HAMAKER 3-12B1	430475229400	12-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
MAY UTE FED 1-13B1	430473017600	013-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
RICH 2-13B1	430473274400	013-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
ROBERTSON UTE STATE 1-12B1	430473016400	012-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
THOMAS 4-10B1	430473408000	010-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH

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SEP 16 2014

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

	 ~

	DIVISION OF OIL, GAS AND	MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Well List
SUNDR'	Y NOTICES AND REPOR	RTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill drill horizontal	new wells, significantly deepen existing wells belo laterals. Use APPLICATION FOR PERMIT TO DR	ow current bottom-hole depth, reenter plugged wells, or to RILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
TYPE OF WELL     OIL WELL	GAS WELL OTHE	See Attached Well List	8. WELL NAME and NUMBER: See Attached Well List
2. NAME OF OPERATOR:			9. API NUMBER:
LINN OPERATING, INC		PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
1999 Broadway, Suite 3700	Denver STATE CO	<sub>ZIP</sub> 80202 (303) 999-4275	Bluebell/Altamont
LOCATION OF WELL FOOTAGES AT SURFACE:			COUNTY: Duchsene
QTR/QTR, SECTION, TOWNSHIP, RAI	NGE, MERIDIAN:	1 1000 100	STATE: UTAH
CHECK APP	ROPRIATE BOXES TO INDIC	CATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start:  SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion:	ACIDIZE  ALTER CASING  CASING REPAIR  CHANGE TO PREVIOUS PLANS  CHANGE TUBING  CHANGE WELL NAME  CHANGE WELL STATUS  COMMINGLE PRODUCING FORMATIC	DEEPEN  FRACTURE TREAT  NEW CONSTRUCTION  OPERATOR CHANGE  PLUG AND ABANDON  PLUG BACK  PRODUCTION (START/RESUME)  ONS  RECLAMATION OF WELL SITE  RECOMPLETE - DIFFERENT FORMATION	REPERFORATE CURRENT FORMATION  SIDETRACK TO REPAIR WELL  TEMPORARILY ABANDON  TUBING REPAIR  VENT OR FLARE  WATER DISPOSAL  WATER SHUT-OFF  OTHER: CHANGE OF  OPERATOR
2. DESCRIBE PROPOSED OR C	OMPLETED OPERATIONS. Clearly show	all pertinent details including dates, depths, volur	mes, etc.
under the terms and cond blanket state bond numbe	ditions of the leases for operati er LPM9149893 .	Energy Production Company, LP, to ions conducted on the leased lands	or a portion thereof under their
Attached is a list of Applic	cations for Permit to Drill (APD	) that are associated with this Chan	ge of Operator.
Devon Energy Production 333 West Sheridan Avenu Oklahoma City, OK 73102 John D. Raines Vice President	ue		
	os Cognete II	TITLE Asset Manager	
NAME (PLEASE PRINT) Russell de	es Cognets II	TITLE ASSEL MANAGER	

OCT 0 8 2014

(See Instructions on Reverse Side)

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DIV. OF OIL, GAS & MINING

### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER:						
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:						
1. TYPE OF WELL OIL WELL \( \overline{Z} \) GAS WELL \( \overline{Q} \) OTHER	8. WELL NAME and NUMBER: MISC.						
2. NAME OF OPERATOR:	9. API NUMBER:						
LINN OPERATING, INC.  3. ADDRESS OF OPERATOR:  10. FIELD AND POOL, OR WILDCAT:							
1999 Broadway, Ste #3700 GHY Denver STATE CO ZE 80202 (303) 999-4016	Bluebell						
FOOTAGES AT SURFACE:	COUNTY: UINTAH						
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 14 1S 2W	STATE: UTAH						
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA						
TYPE OF SUBMISSION TYPE OF ACTION							
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION						
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL						
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION  CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TEMPORARILY ABANDON						
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE  CHANGE TUBING PLUG AND ABANDON	UBING REPAIR VENT OR FLARE						
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL						
(Submit Original Form Only)  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF						
Date of work completion:  COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	✓ other: Excluded wells from						
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	Change of Operator						
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volun	nes, etc.						
Do not process Change of Operator from Devon Energy Production Company, LP to LINN wells.	Operating, Inc. for the following						
43-013-31192 BOREN 3-11A2 Oil Well Producing BLUEBELL DUCI	JESNE 18 2W Soc 11						
43-013-51846 MIKE AND SHELLEY #4-14A2 Oil Well Approved permit (APD) BLUE							
43-013-31299 CORNABY 2-14A2 OII Well Producing BLUEBELL DUCI							
43-013-30035 FLY/DIA L BOREN 1-14A2 Oil Well Shut-In BLUEBELL DUCHESNE 1S-2W Sec 14							
The Devon transaction to Linn Energy allowed EP Energy to exercise their preferential right to purchase the leases and wells in Sections 11 amd 14 of T1S, 2W so EP Energy now owns these wells.							
NAME (PLEASE PRINT) Debbie Chan Title Reg. Compliance Supervisor							
SIGNATURE 9/23/2014							
SIGNATURE DATE 9/23/2014							

(This space for State use only)

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